2022 – 2023

Oxford Virtual Academy Course Catalog

168 S. Washington, Oxford, MI 48371 - https://courses.oxfordvirtualacademy.org/

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Oxford Community Schools Board of Education

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District Administration

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Oxford Virtual Academy Administration

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Oxford Virtual Academy Counselors

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9-12: Amy Greenspan A-K & Ryan Moore L-Z

Introduction

A school without walls, the Oxford Virtual Academy (OVA) is all about options and flexibility. OVA offers self-paced, standardized virtual curriculums with guidance and supervision to ensure work is done correctly and students stay on track. The virtual school offers online courses to all district students and personalized to meet the needs of each student. All classes are online and available 24/7 independent of the type of class or origin of the student. Oxford Community Schools does not provide transportation for online courses.

Vision Statement

To create a world-class education today to shape tomorrow's leaders

Mission Statement

To provide an education that challenges all students to achieve their maximum potential in academics, arts, and athletics and prepares them to succeed in a global society

At Oxford Community Schools we are committed to creating lifelong inquirers who are caring, contributing members of a global society. Believing that every student is unique, we offer diverse opportunities in academics, athletics, and the arts. Oxford Community Schools have a true passion for education and set high expectations for both our staff and our students. Together we can help students achieve their maximum potential.

Philosophy

Oxford Virtual Academy takes the distance out of distance learning by working in partnership with families to provide rigorous academic preparation that is teacher-mentored, parent-directed and customized to meet the needs of students from all academic backgrounds. OVA continues to provide improved student learning while maintaining positive family relationships based on trust and a shared belief that the student always comes first.

Nondiscrimination Policy

All courses offered by Oxford Schools follow the district policies of nondiscrimination on the basis of race, color, religion, national origin or ancestry, gender, age, or disability. In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission or participation.

Enrollment

New enrollments into Oxford School District are serviced through Oxford Virtual Academy at 168 S. Washington Oxford, MI 48371. School of Choice (Out of District Resident) new enrollments are twice annually. Open enrollment dates for new students are based on board approval. In district transfers occur at semester breaks only and are subject to approval.

Oxford's Portrait of a Graduate:

The Portrait of a Graduate articulates our shared vision for all Oxford students as a result of their educational experiences in Oxford Community Schools. We considered the career aspirations our students may have and included the characteristics and competencies they will need to be successful in an ever-evolving, global society.

Student Profile/Exit Outcomes – Oxford learners strive to be:

Inquirers
They develop their natural curiosity. They acquire the skills necessary to conduct inquiry and research and show independence in learning. They actively enjoy learning and this love of learning will be sustained throughout their lives.

Knowledgeable
They explore concepts, ideas and issues that have local and global significance. In so doing, they acquire in-depth knowledge and develop understanding across a broad and balanced range of disciplines.

Thinkers
They exercise initiative in applying thinking skills critically and creatively to recognize and approach complex problems and make reasoned, ethical decisions.

Communicators
They understand and express ideas and information confidently and creatively in more than one language and in a variety of modes of communication. They work effectively and willingly in collaboration with others.

Principled
They act with integrity and honesty, with a strong sense of fairness, justice and respect for the dignity of the individual, groups and communities. They take responsibility for their own actions and the consequences that accompany them.

Open-minded
They understand and appreciate their own cultures and personal histories and are open to the perspectives, values and traditions of other individuals and communities. They are accustomed to seeking and evaluating a range of points of view and are willing to grow from the experiences.

Caring
They show empathy, compassion and respect towards the needs and feelings of others. They have a personal commitment to service and act to make a positive difference to the lives of others and to the environment.

Risk-takers
They approach unfamiliar situations and uncertainty with courage and forethought and have the independence of spirit to explore new roles, ideas and strategies. They are brave and articulate in defending their beliefs.

Balanced
They understand the importance of intellectual, physical and emotional balance to achieve personal well-being for themselves and others.

Reflective
They give thoughtful consideration to their own learning and experience. They are able to assess and understand their strengths and limitations in order to support their learning and personal development.

Graduation Requirements

All students are required to have an EDP. Students, working with their parents, will design a four-year planned program for grades 9-12. The EDP is filed in each student record and reviewed annually.

Graduation Requirement	Credits
Mathematics	4
English/Language Arts	4
Science	3
Social Studies	3
World Language	2
Physical Education	.5
Health	.5
Visual and Performing Arts	1
Remaining Electives	6
Total	**24**

Mathematics: 4 Credits

- ✔ Algebra I (1 credit)
- ✔ Geometry (1 credit)
- ✔ Algebra II (1 credit)
- ✔ 1 credit during Year 4

English/Language Arts: 4 Credits

- ✔ English 9 (1 credit)
- ✔ English 10 (1 credit)
- ✔ English 11 (1 credit)
- ✔ English 12 (1 credit)

Science: 3 Credits

- ✔ Biology (1 credit)
- ✔ Chemistry (1 credit)
- ✔ Physics (1 credit)

OR

- ✔ Biology (1 credit)
- ✔ Physical Sci. C/P (1 credit)
- ✔ Chemistry or Physics (1 credit)

OR

- ✔ Biology (1 credit)
- ✔ Chemistry (1 credit)
- ✔ Physical Sci. P (½ credit)
- ✔ Science Elective (½ credit)

Social Studies: 3 Credits

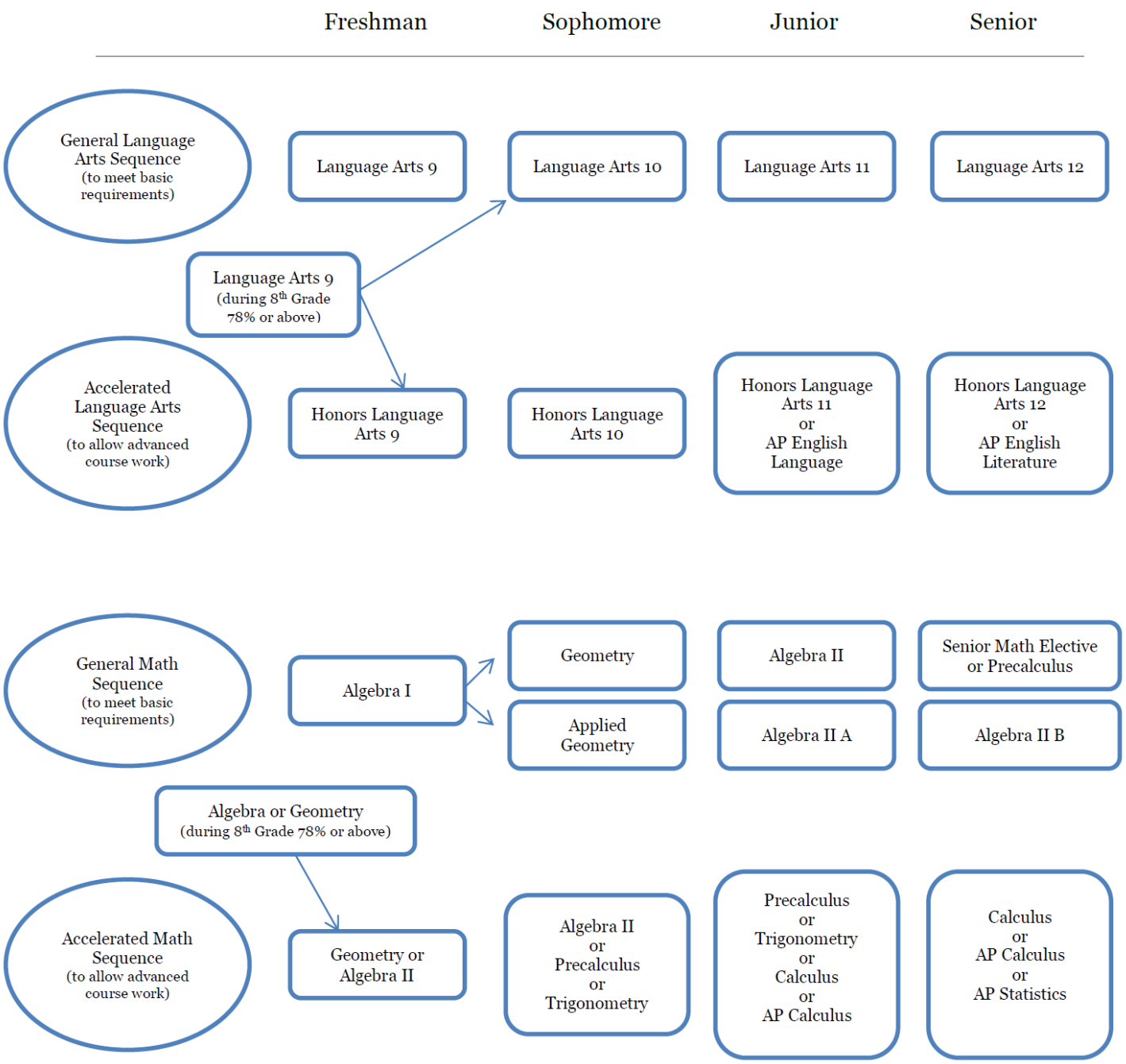
- ✔ U.S. History & Geography (1 credit)
- ✔ Economics (½ credit)
- ✔ U.S. Civics (½ credit)
- ✔ World History & Geography (1 credit)

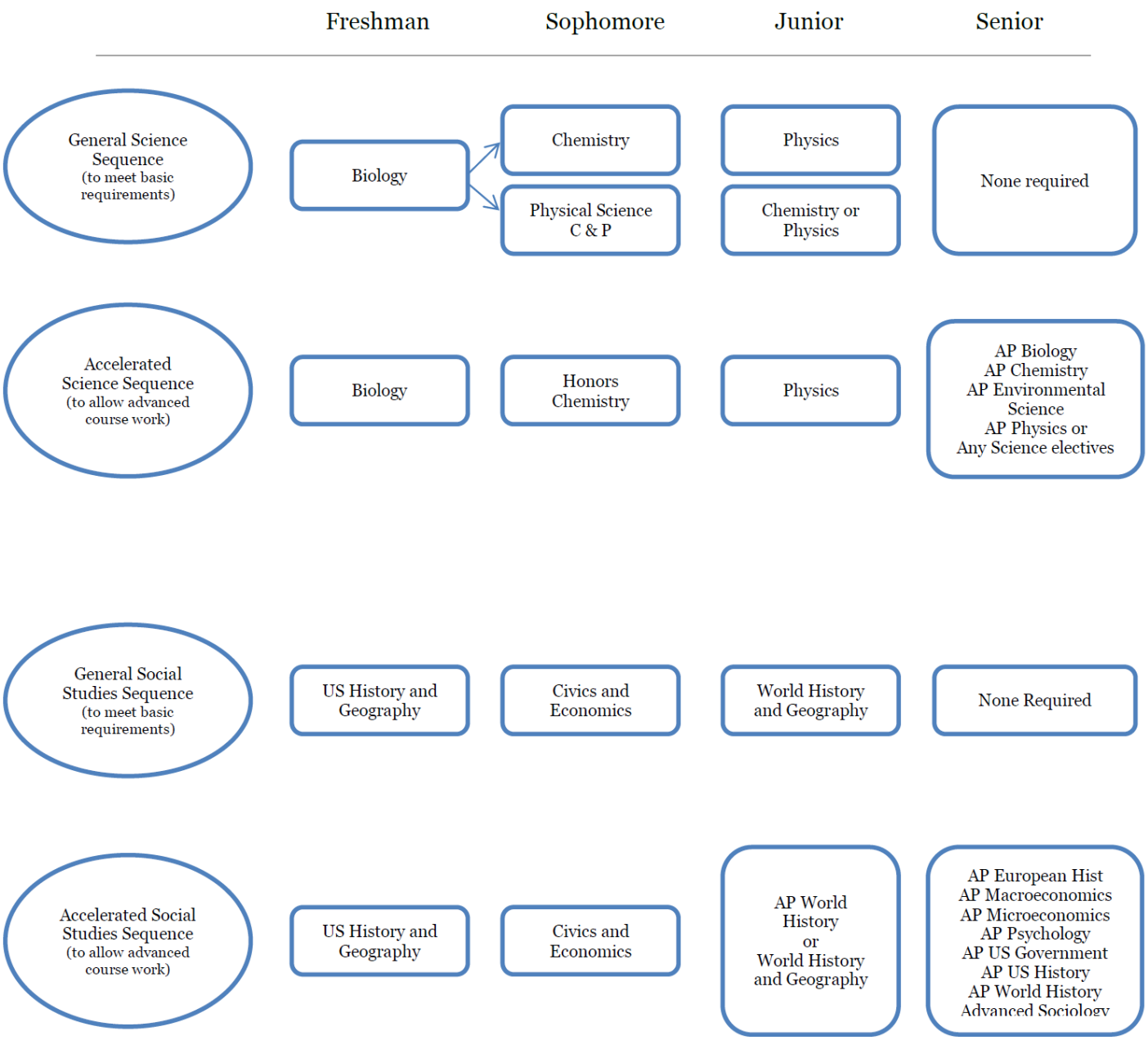
World Language: 2 Credits

Class of 2016 and Beyond - Must be sequential courses

- ✔ Physical Education: ½ Credit
- ✔ Health: ½ Credit
- ✔ Visual and Performing Arts: 1 Credit
- ✔ ACT/SAT Preparation (Recommended): ½ Credit

High School Core Requirements Flow Charts




Freshman
Sophomore
Junior
Senior
General Science Sequence (to meet basic requirements)
Biology
Chemistry
Physical Science C & P
Physics
Chemistry or Physics
None required
Accelerated Science Sequence (to allow advanced course work)
Biology
Honors Chemistry
Physics
AP Biology
AP Chemistry
AP Environmental Science
AP Physics or
Any Science electives
General Social Studies Sequence (to meet basic requirements)
US History and Geography
Civics and Economics
World History and Geography
None Required
Accelerated Social Studies Sequence (to allow advanced course work)
US History and Geography
Civics and Economics
AP World History or World History and Geography
AP European Hist
AP Macroeconomics
AP Microeconomics
AP Psychology
AP US Government
AP US History
AP World History
Advanced Sociology

Requirement Modification Options for High School Diploma

The State of Michigan has legislated that every student needs to complete all aspects of the Michigan Merit Curriculum. The state has allowed for the possibility that some students, with the support of their parents/guardians, to request a modification to the state graduation requirements. These modifications, which may produce a "personal curriculum plan," are to be developed by a group consisting of the student, his or her guardian/parent, the student's counselor, content teacher, and administrative designee. The modified plan will incorporate as many of the subject area content expectations as practical, as well as, align with the student's educational development plan (EDP). It is also the responsibility of the student's parents/guardians to monitor their child's progress in the goals contained in the personal curriculum plan as well as to contact individual teachers at least twice per semester.

There are no modifications to the State of Michigan requirements for Language Arts, World Language, Science, Civics, Algebra I and Geometry. Requests for modifications to health/physical education and visual/performing arts requirements based on additional courses beyond required credits in Language Arts, Math, Science, Social Studies, or World Language will be permitted only if there is no elective class within the student's schedule that can be dropped to add the state requirement.

Students and their parents need to be aware that if a personal curriculum plan is granted and the student does not achieve proficiency in the required credits, the personal curriculum is null and void. They also need to understand a personal curriculum plan may impact NCAA eligibility, college scholarships, and college admission decisions.

Units of Credit
Credit is awarded in units of ½ for the successful completion of a semester course for grades nine through twelve. An exception is that some vocational, technical and cooperative courses are multiple period courses, and students receive credit corresponding to the amount of time spent in class or on the job.

Optional Learning Opportunities

Credit Recovery
Students are offered the opportunity to make-up credit online, after school and during the summer on a first-come basis. There is a fee for each 1/2 credit.

Independent Study
An independent study is a learning experience for qualified high school students that is not part of the regular course offerings. The student and teacher prepare a formal agreement outlining student and teacher expectations. A maximum of 1 credit is allowed toward graduation. Requires counselor pre-approval.

Oakland Schools Technical Centers (OSTC)
OSTC schools offer career preparation programs in three hour blocks of intensive, hands-on technical vocational curriculum. Students attend ½ day at OSTC and ½ day in their home school. For more information, visit: http://www.ostconline.com/

Seated Courses
The Oxford Virtual Academy students may also attend classes at Oxford High School, Oxford Middle School, any of the 5 Oxford Elementary Schools. Students may also participate in any sports program offered by Oxford Community Schools (must meet eligibility requirements).

Community Vendor Classes
If you are interested in taking a Community Vendor class with Optional Learning Experience in place of one of your current elective classes, please contact your counselor for more information about Community Vendor locations, and visit the following link: https://bit.ly/OVA_CV_info

You may also view our Community Vendor electives with optional learning experiences at the following links:
S23 Elementary CV Optional Learning Experience Courses
S23 Middle School CV Optional Learning Experience Courses
S23 High School CV Optional Learning Experience Courses
District transportation will be provided on a case-by-case basis within the school day.

Oxford Schools Early College

Oxford Community School District's Early College program is a rigorous five-year high school, combining the best of the high school with an early college experience. Oxford Schools Early College (OSEC) is a program within Oxford Virtual Academy and offers both online/virtual and face-to-face instruction to enable students to earn their high school diploma and 60+ transferable college credits. OSEC provides a supportive educational environment through the use of Mentor Teachers for students throughout Oakland County, as well as, all contiguous counties. Students have the opportunity to earn college credits from Rochester University, Lawrence Technical University, Macomb Community College, Mott Community College, or Washtenaw Community College before graduating as a high school student.
Through the district's early college program, students will have the opportunity to begin earning postsecondary credit when they meet the standards of the formal application process which involve the following criteria: written essays, letters of recommendation, dual enrollment qualifying scores set by the State of Michigan and meet eligibility criteria set by the OSEC and the secondary partner. The early college program will enable students to earn 60+ college credits in the program of study they wish to pursue, according to their Educational Development Plan (EDP).

Post-Secondary Credits Expected Academic Year
Students will enroll in dual-enrolled credits with the approval of the OSEC counselor or OSEC administrator. The possible number of college credits per year is as follows:

Grade 9 ~ 0 college credits
Grade 10 ~ 6 college credits
Grade 11 ~ 12 college credits
Grade 12 ~ 15 college credits
Grade 13 ~ 30 college credits

OSEC Graduation Requirements

Curriculum Options

OSEC has different options than any other area early college. Students are able to take their high school courses at Oxford Virtual Academy or with our sister school Oxford High School or any combination of the two. Each option meets the Michigan Merit Curriculum and Oxford Community Schools requirements for graduation.

Graduation Requirements

All students are required to have an EDP. Students, working with their parents, will design a five-year planned program for grades 9-13 plus Capstone. The EDP is filed in each student record and reviewed

Graduation Requirement	Credits
Mathematics	4
Language Arts	4
Science	3
Social Studies	3
World Language	2
Physical Education	.5
Health	.5
Visual and Performing Arts	1
OSEC Capstone Project	1
College & Career Prep Freshman or Sophomore Yr.	1
SAT Preparation Recommended	.5
Remaining Electives	4
Total High School	**24**
Minimum College With MEMCA Certificate	**24**

Individuals and Society (Social Studies): 3 Credits

World History (1 credit)
US History (1 credit)
US Civics (**½** credit)
Economics (**½** credit)

Language and Literature (Language Arts): 4 Credits

Language Arts 9 (1 credit)
Language Arts 10 (1 credit)
College Comp A & B (1 credit)
College Literature Course (1 credit)

Mathematics: 4 Credits

Algebra I (1 credit)
Geometry (1 credit)
Algebra II (1 credit)
1 credit during Year 4
Math-related course in Year 5

Sciences: 3 Credits

Biology (1 credit)
Chemistry (1 credit)
Physics (1 credit)

OR

Biology (1 credit)
Chemistry or Physics (1 credit)
Science Elective (1 credit)

Language Acquisition (World Language): 2 Credits

*Must be sequential courses

Physical Education: ½ Credit
Health Education: ½ Credit
Visual and Performing Arts: 1 Credit Capstone Project: 1 Credit
College & Career Prep: 1 Credit
SAT Preparation: ½ Credit

**Note: Students can work with the OSEC staff to "double-dip" college and high school courses*

OSEC Expectations

Factors that may affect OSEC student status, the number of dual-enrolled credits a student may enroll in, and subsequently each calendar school year include, but are not limited to:

1) Academic Performance – Students who fall below a 3.0 (B average) in college and/or high school coursework will be placed on academic probation. Academic success is measured by receiving a grade of B- or better in every high school and college course. Both "I" and "N" grades are considered less than successful academic performance. Academic probation could include, but are not limited to mandatory tutoring time, decreased opportunity to take college courses, and/or removal from Oxford Schools Early College

2) Qualifying Tests Scores – Students must meet the qualifying test scores to be able to dual enroll. As this is the major aspect of the early college program, students must meet this requirement to remain an Oxford Schools Early College student.

3) Behavior Concerns – A student whose behavior is problematic and engages in prohibited behavior(s) identified in the Oxford Schools' Student Code of Conduct will be limited to take fewer college courses to prevent the likelihood of such behavior occurring in college courses.

4) Honesty is expected at all times. ALWAYS be transparent when struggling with a course!

5) Meeting with an academic advisor at the college, prior to the start of each semester is a must!

6) Academic performance of 3.0 and above is expected. Remember, C- courses do not transfer. Students with low grades will be on academic probation, having stricter requirements to fulfill with their mentor

7) ADDING or DROPPING a class after the beginning of a semester MUST be OSEC APPROVED! There are specific dates in which full payment is returned. Failure to speak with OSEC before making any changes will result in OSEC's inability to pay for courses and/or **you will be responsible for the tuition of any dropped course**.

8) College Books: ALL RU books are to be listed on OSEC order form in order to ensure payment. OSEC will contact you when books we are ordering are ready to be picked up at Oxford High School in the OSEC rooms.

9) Outstanding Tuition Balance – A student who has an outstanding tuition balance for college courses will not be allowed to enroll in additional college courses until the obligation has been satisfied. Tuition and associated fee responsibilities are further explained below. Parents/students will be required to pay for tuition, fees, and other associated costs if:

a. The student enrolls in courses and/or credit hours without OSEC counselor or director's written approval.
b. The student enrolls in courses/credit hours that exceed the maximum credit hours allowed by OSEC during any semester.

Alternative Methods of Obtaining High School Credits

Middle School Credits
Credit will be granted toward high school graduation for any student who successfully completes a State-mandated curriculum requirement prior to entering high school provided s/he completes the same content requirements as the high school subject area; and, the student has demonstrated proficiency as defined by earning a seventy-eight percent (78%) or better for the course including the final exam grade.

Any student who earns high school credit in middle school will have the credit and grade earned posted to their high school transcript; however, the grade earned will not be factored into GPA. An explanation of the policy will be noted on the student's transcript.

Test Out
Credit will be granted toward high school graduation for any student not enrolled in the course but who has exhibited a reasonable level of knowledge of the subject-matter of the course and has tested out by achieving a seventy-eight percent (78%) or better on a final cumulative exam for the course; or, if there is no final exam, through basic assessment used for the course which may consist of a portfolio, paper, project, presentation, or other established means. The course will appear on the student's transcript with a "TO" designation for "Tested Out." The class will not factor into the student's GPA. Please note, the school does not provide textbooks for students wishing to "Test Out." Students are allowed to attempt testing out twice before a "failure" is denoted on their transcript for a particular course.

Post-Secondary

In an effort to meet student needs and interests, school districts have allowed their students to attend courses at local colleges or universities in addition to their own high school. Effective April 1, 1996, Public Act 160 created the Postsecondary Enrollment Options Act which directs school districts to assist students who meet all of the necessary qualifications in paying tuition and fees for courses at Michigan public or private colleges or universities. To qualify, all the following conditions must be met:

1. Students must meet qualifying test scores: see chart on next page.
2. Students must be enrolled in both the school district and postsecondary institution during the local school district's regular academic year and must be enrolled in at least one high school class.
3. The college courses cannot be a hobby, craft, or recreation courses; nor can they be courses in physical education, theology, divinity, or religious education.
4. Proof of registration in college courses must be provided to OVA before the first day of classes each semester.

See your counselor if:

- You believe you are eligible for the Postsecondary (Dual Enrollment) option,
- You believe you qualify for tuition and fee support, and
- You wish to participate.

Dual Enrollment Requirements

The following scores, set by the Michigan Department of Education (MDE), must be met to be eligible for dual enrollment:

Assessment	Test Section	Content Area	Minimum Dual Enrollment Qualifying Score
Explore	Mathematics	Mathematics	17
	Reading	Reading	15
	Science	Science	20
	English	English	13
PLAN	Mathematics	Mathematics	19
	Reading	Reading	17
	Science	Science	21
	English	English	15
ACT	Mathematics	Mathematics	22
	Reading	Reading	21
	Science	Science	24
	English	English	18
COMPASS	Mathematics	Mathematics	52
	Reading	Reading	88
	English	English	77
MME	Reading	Reading	1108
	Writing	Writing	1100
	Mathematics	Mathematics	1116
	Science	Science	1126
	Social Studies	Social Studies	1129
PSAT	Critical Reading	Reading	42
	Writing Skills	Writing	41
	Mathematics	Mathematics	44
SAT	Critical Reading	Reading	500
	Writing Skills	Writing	500
	Mathematics	Mathematics	500
ACCUPLACER	Reading Comp	Reading	TBD
	Sentence Skills	Writing	TBD
	Mathematics	Mathematics	TBD

*ACCUPLACER qualifying scores are typically specific to a state or Institution of Higher education (IHE). The MDE will work with The College Board and Michigan IHEs to build consensus around Minimum Dual Enrollment Qualifying Scores on this assessment.

Academic Honors for High School Graduation

Oxford Virtual Academy uses the "Cum Laude With Honors" recognition program instead of the concept of designating a valedictorian and salutatorian at graduation. The rationale for this was to adopt a form of recognition that most colleges and universities use to acknowledge their most successful students at graduation. For the purpose of calculating the qualifying grade point averages, all classes posted on the OVA transcript would be included, up to and including the final semester of the students' senior year.

The categories for distinction under the proposed "Cum Laude with Honors" graduation recognition program are as follows:

- Summa Cum Laude - meaning "with the highest praise" is the highest recognition awarded at graduation. To graduate summa cum laude, a student must achieve a 3.70 or higher grade point average on a 4.00 scale.
- Magna Cum Laude – meaning "with great praise" is the second highest recognition awarded at graduation. To qualify for magna cum laude, a student must achieve a 3.50 – 3.69 grade point average on a 4.00 scale.
- Cum Laude – meaning "with praise" is the third recognition awarded at graduation. To qualify for cum laude, a student must achieve a 3.20 – 3.49 grade point average on a 4.00 scale.

Students will be encouraged to try AP level courses. This will assist learners with college entrance and course resume; improving ACT scores (college entrance); and allow for better academic preparation for successful college experiences.

Weighted Grade Criteria
For all Advanced Placement (AP) and Dual Enrollment courses, a +0.5 point adjuster will be awarded for the successful completion of the course.

College Preparation
Presidents Council, State Universities of Michigan recommended college preparatory program:

English	4 years required
Mathematics	4 years required (including intermediate algebra)
Sciences	3 years required; 4 years strongly recommended Biology, Chemistry or Physics
Social Sciences	3 years required

Prospective students are also encouraged to complete courses in the following areas:

World Language	3 years strongly recommended
Fine/Performing Arts	2 years strongly recommended
Computers	1 year strongly recommended

The universities recognize that, for a variety of reasons, some students may not be able to complete all the requirements. In such circumstances, students may still be considered for admission and, therefore, are encouraged to apply to the university of their choice.

The standards and requirements for admission are different for each public university and certain programs may have special requirements. Whatever the area(s) of interest, the student should get detailed information

about specific admissions requirements from a school counselor or from the proper admissions office. In considering individual potential to be a successful student, each university looks at the student's high school record. Factors such as grade point average, test scores, special abilities, scholastic activities, and work experience are also important.

NCAA Eligibility

Core Courses

- NCAA Division I requires 16 core courses. NCAA Division II currently requires 14 core courses. Division II will require 16 core courses for students enrolling on or after August 1, 2013. See the charts below.
- NCAA Division I will require 10 core courses to be completed prior to the seventh semester (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become "locked in" at the seventh semester and cannot be retaken for grade improvement.
    - Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.

Test Scores

- Division I uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- Division II requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the four sections: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- Division I students enrolling full time before August 1, 2016, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- Division I GPA required to receive athletics aid and practice on or after August 1, 2016, is 2.000 (corresponding test-score requirements are listed on Sliding Scale B).
- Division I GPA required to be eligible for competition on or after August 1, 2016, is 2.300 (corresponding test-score requirements are listed on Sliding Scale B).
- The Division II core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using NCAA core courses only.

Division I - 16 Core Courses

4 years of English
3 years of mathematics (Algebra I or higher)
2 years of natural/physical science (1 year of lab if offered)
1 year of additional English, mathematics or natural/physical science
2 years of social science
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

Division II (2013 and after) - 16 Core Courses

3 years of English
2 years of mathematics (Algebra I or higher)
2 years of natural/physical science (1 year of lab if offered)
3 years of additional English, mathematics or natural/physical science
2 years of social science
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

For more information, visit the NCAA Eligibility Center website at www.eligibilitycenter.org

Overview of Content Providers

Apex Learning is the leading digital curriculum provider of blended and virtual learning for the nation's public school districts and charter schools. The company's comprehensive, standards-based online courses help schools successfully engage all students in rigorous coursework that prepares them for high school graduation, college, and beyond. Multimedia instructional content motivates and engages students, provides multiple representations of concepts, and addresses different learning styles. Students move at their own pace, taking as much — or as little — time as they need to master the material. The Apex Learning curriculum supports success for all students, from those not prepared for grade-level academic challenges to those capable of advanced coursework.

Accelerate Education provides online courses for Kindergarten through 12th to meet the needs of students. The curriculum offers rich and engaging content that has been carefully designed to meet the standards. Students are engaged in a variety of activities and assessments appropriate to the courses being studied, including labs, journals, written assignments, discussions, group and individual projects, formative assessments, objective tests, and written exams.

Acellus standards-based courses cover all core areas, K-12. Electives, credit recovery, and AP courses are also available. Acellus courses are interactive, self-contained educational programs that carefully guide the student through each lesson.

ASL Deafined contains over 300 themed lessons and provides how-to video courses taught by Deaf experts. With ASL Deafined, it's easy and fun to learn American Sign Language.

Connexus by Pearson (Connections Learning) brings quality education directly to you and your students with a proven online curriculum, the latest instructional tools, certified teachers skilled in online instruction, and our state-of-the-art platform. Whether you're looking for Advanced Placement, foreign languages, gifted, or other curriculum or technology options that your school or district just can't provide, Connexus by Pearson has everything you need for an educationally sound online learning program that meets your child's needs.

GradPoint puts unparalleled, proven curriculum at your fingertips so you can deliver an educational experience that is uniquely designed for each student and keeps them interested, motivated and moving forward. For middle school, GradPoint gives you the flexibility to offer core courses or smaller units to focus students who may need remediation. For high school, GradPoint delivers courses built from instructional design best practices that incorporate video, interactive activities, immediate feedback, and assessments to ensure mastery and authentic work. And with continuous support, content updates and course releases, you'll always be connected to the best in online learning.

Edgenuity has award-winning courses that combine rigorous content with direct-instruction videos from expert, on-screen teachers, multimedia, and interactive learning tools and resources to engage and motivate students. With a range of core curriculum, AP®, elective, Career and Technical Education (CTE), dual credit, and credit recovery courses based on the rigor and high expectations of state, Common Core and iNACOL standards and designed to inspire life-long learning, Edgenuity's courses are fully flexible for use in any blended or online learning model.

Edgenuity/PowerspeaK^{12}, developed specifically for kids means effective for kids, some language learning programs marketed for children and teens are really adult programs that have essentially been repackaged and re-marketed for students. Not powerspeaK^{12}, powerspeaK^{12} courses were designed from the start for kids,

whose young minds are still open to learning a language as a native speaker. This is important, because by the time we are adults; the language "compartments" in our brains have narrowed, diminishing our ability to comfortably learn a language like a native speaker. powerspeaK[12] taps into, and capitalizes on, the innate ability that kids possess to learn languages quickly and easily.

eDynamic Learning is one of North America's largest providers of high school career and elective courses. Since 2008, they have developed over 80 specialized, high-interest courses rarely found in other catalogs. With eDynamic, students learn with unlimited flexibility. Their courses are mobile, accessible, and engaging and can be accessed from any device at any time and are inclusive for all types of learners. Their coursework promotes knowledge-building and critical thinking skills. Students are asked to review and apply key course concepts to various situations and personal experiences. By driving career exploration at the secondary level, eDynamic Learning ensures that students leave high school with a firm understanding of their interests and aptitudes and the preparation necessary to make college and career decisions.

Lincoln Learning is a fully-accredited graduation curriculum provided by the National Network of Digital Schools that combines traditional and technology-enabled teaching methods in the 21st century classroom. The 21st century classroom lets both students and teachers expand the education process by blending traditional teaching tools with new technology. Using this combination, the 21st century classroom can exist anywhere. The Lincoln Interactive curriculum combines excellent instruction with hands-on discovery to engage students and keep them interested. Our blended learning approach allows students to apply what they learn to real-world situations. They can experience web investigations, lab experiments, PowerPoint presentations, videos, games, and more. Lincoln Interactive students are able to communicate online with their teacher facilitators to ask questions, submit assignments, and receive feed-back and grades. Our students also have the ability to connect with other students through email, discussion boards, and social networking.

Middlebury Interactive Languages' digital K-12 world language courses in Spanish, French, Chinese and German give students the opportunity to immerse themselves in language and culture in an interactive online environment. The curriculum—developed by Ph.D.-level academics and linguistic experts—is supported by decades of research showing that students need exposure to authentic materials and frequent opportunities to interact in the target language. Courses utilize principles of the immersive language pedagogy and teaching methodology used at Middlebury College's renowned Language Schools to help students gain a stronger base of comprehension and to accelerate language learning.

Pearson Connexus is Pearson's newest platform that combines their Gradpoint and Connexus course offerings under one roof. See accompanying descriptions for Gradpoint and Connexus for more information.

Pointful Education offers students a unique learning experience and pathways to prepare for industry certifications, engage in career exploration and learn about new and future technologies. Courses are designed for secondary and post-secondary students and offer a robust solution for Career Technical Education (CTE), virtual and blended learning, STEM programs, homeschool enrichment, and much more!

Full Listing of Courses with Descriptions

The full Oxford Virtual Academy Course Catalog is available online at https://courses.oxfordvirtualacademy.org/.

Course Name	Course Description
1960's America	Have you ever wondered what life was like in the 1960s? This course will let students experience the time in which their parents and grandparents lived. It will cover the social, political, and cultural movements and changes that occurred during the decade. Some of the topics explored within this course include the transition from the Happy Days to the Radical Movement, the Vietnam War, and civil rights. The course also focuses on significant headlines of the 1960s that include the assassinations of Robert Kennedy, President John F. Kennedy, and Dr. Martin Luther King, Jr. as well as the Space Race, music of the 1960s, and the effects of pop culture. In addition, students will be able to apply and further what they have learned by interviewing neighbors and relatives who lived through the examined time period and events.* Prerequisites: None
2D Studio Art MS	Close your eyes and imagine you are standing in an art studio the smell of paint, the heat of the kiln, and the infinite creative possibilities that linger in the air. This is where art is born, and in 2D Studio Art, you will learn how to bring your artistic visions to life. Whatever medium you prefer painting, drawing, photography this course will teach you the design elements and principles needed to create a work of art, explore your artistic inspirations, travel back in time to look at art in different cultures, and gain insight about the art of critiquing. If you have ever dreamed of making a living as an artist, this course will give you the tools and background that you need to turn those dreams into a reality!* Prerequisites: None
3D Art & Technology EL	Through a multidisciplinary approach, students will explore and apply the techniques, elements, principles, intellectual methods, concepts, and functions of the visual, performing, or applied arts discipline to communicate ideas, emotions, experiences, address opportunities to improve daily life, and solve problems. Students will be able to demonstrate skillful use of appropriate vocabularies, tools, instruments, and technologies of the visual, performing, or applied arts discipline.* Prerequisites: None* This course includes an optional learning experience.*
3D Art & Technology HS	Through a multidisciplinary approach, students will explore and apply the techniques, elements, principles, intellectual methods, concepts, and functions of the visual, performing, or applied arts discipline to communicate ideas, emotions, experiences, address opportunities to improve daily life, and solve problems with insight, reason, and competence. Students will be able to demonstrate skillful use of appropriate vocabularies, tools, instruments, and technologies of the visual, performing, or applied arts discipline.* Prerequisites: None* This course includes an optional learning experience.*
3D Art & Technology MS	Through a multidisciplinary approach, students will explore and apply the techniques, elements, principles, intellectual methods, concepts, and functions of the visual, performing, or applied arts discipline to communicate ideas, emotions, experiences, address opportunities to improve daily life, and solve problems. Students will be able to demonstrate skillful use of appropriate vocabularies, tools, instruments, and technologies of the visual, performing, or applied arts discipline.* Prerequisites: None* This course includes an optional learning experience.*
3D Modeling	Are you interested in a career in technology? Are you curious about working in fields like virtual reality, video game design, marketing, television and motion pictures, or digital imaging? If so, this course in 3D Modeling is a great place to start as it is the foundation for all these career paths. Gain a deeper understanding of graphic design and illustration as you use 3D animation software to create virtual three-dimensional design projects. Hone in on your drawing, photography, and 3D construction techniques and develop the skills needed to navigate within a 3D digital modeling workspace. This course is an excellent introduction to careers in the fast-growing field of technology and design.* Prerequisites: None
Academic Center Lab EL	Academic Center is designed for students who need additional time with a certified teacher to work on concepts covered in their academic courses. This course is designed to improve students' academic performance. Students are expected to bring academic materials with them every day. Computers with Internet access are also available for student use during the class period. Students receive instruction from the academic center teacher on skills such as effective communication, goal setting, information processing, focus, organization, problem solving, and time management. This course may be taken each semester and for multiples years as needed. * Prerequisites: Counselor Approval
Academic Center Lab HS	Academic Center is designed for students who need additional time with a certified teacher to work on concepts covered in their academic courses. This course is designed to improve students' academic performance. Students are expected to bring academic materials with them every day. Computers with Internet access are also available for student use during the class period. Students receive instruction from the academic center teacher on skills such as effective communication, goal setting, information processing, focus, organization, problem solving, and time management. This course may be taken each semester and for multiples years as needed. * Prerequisites: Counselor Approval
Academic Center Lab MS	Academic Center is designed for students who need additional time with a certified teacher to work on concepts covered in their academic courses. This course is designed to improve students' academic performance. Students are expected to bring academic materials with them every day. Computers with Internet access are also available for student use during the class period. Students receive instruction from the academic center teacher on skills such as effective communication, goal setting, information processing, focus, organization, problem solving, and time management. This course may be taken each semester and for multiples years as needed. * Prerequisites: Counselor Approval
Accounting	In this semester course, students will explore accounting, including investigating accounting careers. They will learn basic accounting skills and procedures both with and without a computer for general journals, general ledgers, cash payments journals, cash receipts journals, sales journals, accounts payable ledgers, and accounts receivable ledgers. Students will also learn how to reconcile a bank statement and to prepare payroll records. This course covers the basic principles of financial accounting for individuals and for companies with attention to both the mathematical formulas and to the ethical side of accounting. Each unit has practical exercises including a project at the end of the unit. * Prerequisites: None
Accounting I	This course provides students with an introduction to accounting concepts and principles, financial statements, internal control design, and accounting for partnerships.* Prerequisites: None

Course Name	Course Description
Accounting II	Accounting II builds on the foundation acquired in Accounting I, allowing students to extend their skills and knowledge in the subject. The course focuses on various managerial, financial, and operational accounting activities that require the formulation, interpretation, and communication of financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.This course allows students to explore careers in accounting while learning financial skills applicable to any professional setting. Students engage in project-based activities such as analyzing financial statements, implementing the accounts payable and accounts receivable process, and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for workplace. In addition, students evaluate the roles and qualifications required for specific accounting careers, so they can identify opportunities that interest them.Accounting II is a full-year advanced Career and Technical Education course applicable to programs of study in the Finance or Business Management and Administration career clusters. This course is built to state and national CTE standards. Students who successfully complete the course will be prepared to pursue certifications such as Associate in Regulation and Compliance, Certified Management Accountant, or Certified Quality Auditor. * Prerequisites: Accounting I
ACT Prep	ACT Prep Course assists students with test preparation and teaches content that the student may be tested on during the actual exams. These courses ensure that students focus on the areas where extra assistance is needed. ACT Practice Tests include rigorous test items and are timed to help students learn to budget time in preparation for taking the actual ACT assessments. This is a pass/fail course. * Prerequisites: None
Adobe Illustrator Course	This course introduces students to the Adobe Illustrator and prepares students to take the ACE Certification Exam on Illustrator. Students will get an insight into what it is like working in the graphic design industry. Students will learn everything from absolute basics like navigating Illustrator to performing complex tasks like managing colors, drawing, creating illustrations, and much more. The course contains guided video tutorials, hands-on projects, and step-by-step resources that help students learn how to work in Illustrator.* Prerequisites: None
Adobe InDesign Course	This course introduces students to the world of Adobe InDesign and prepares students to take the ACE Certification Exam on InDesign. Students will get an insight into what it is like working in the print and digital media publishing industry. Over 10 modules, students will learn everything from absolute basics like navigating InDesign to performing complex tasks like creating multi-page documents, applying effects, and even creating original artwork. The course contains guided tutorials, do-it-yourself projects, and great resources that will help students practice and learn how to work in InDesign.* Prerequisites: None
Adobe Photoshop Course	This course prepares students to demonstrate expertise in Adobe Photoshop software and take the ACE Certification Exam on Photoshop. Students will learn through engaging and interactive content, projects and practice exam items aligned to the learning objectives outlined by Adobe exam specifications. Students will leave this course with careerready, real-life skills in one of the most popular software programs in the world!* Prerequisites: None
Advanced Natural World Projects EL	In this course, our younger and more advanced students will explore the natural world through this multidisciplinary course. The natural world is a fascinating place full of things seen and unseen. Understanding and appreciating our natural world, is the first step in caring for it. In this course students will discover more about the world around them through one or more pathways such as animal study, cell study, ecology, organism study, outdoor nature study, plant study, or marine study and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Each pathway project involves a multidisciplinary approach involving art and technology as well. * Prerequisites: None* This course includes an optional learning experience.*
Advanced Natural World Projects HS	In this higher level course, students will explore the natural world through this multidisciplinary course. The Natural World is a fascinating place full of things seen and unseen. Understanding and appreciating our Natural World, is the first step in caring for it. In this course students will discover more about the world around them through one or more pathways such as animal study, cell study, ecology, organism study, outdoor nature study, plant study, or marine study and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Each pathway project involves a multidisciplinary approach involving art and technology as well. Where students have options to further explore botany, landscape design, or vegetable gardening research and practice. Each pathway and project involves art and technology as well as a final collaborative project & presentation. * Prerequisites: None * This course includes an optional learning experience. *
Advanced Natural World Projects MS	In this higher level course, students will explore the natural world through this multidisciplinary course. The Natural World is a fascinating place full of things seen and unseen. Understanding and appreciating our Natural World, is the first step in caring for it. In this course students will discover more about the world around them through one or more pathways such as animal study, cell study, ecology, organism study, outdoor nature study, plant study, or marine study and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Each pathway project involves a multidisciplinary approach involving art and technology as well. Where students have options to further explore botany, landscape design, or vegetable gardening research and practice. Each pathway and project involves art and technology as well as a final collaborative project & presentation. * Prerequisites: None * This course includes an optional learning experience. *
Advanced Physical World Projects EL	In this advanced multidisciplinary course, younger students will explore several topics with a focus on technology and the physical world. This hands on project based class will provide an avenue for inquiry and investigation. The role of the student in this course is to develop inquiry and problem solving skills within the context of technology and applied scientific investigation concepts including engineering principles. Students will collaborate on a group project and be required to participate in a final presentation.* Prerequisites: None* This course includes an optional learning experience.*
Advanced Physical World Projects HS	In this advanced multidisciplinary course, students will explore several topics with a focus on technology and the physical world. This hands on project based class will provide an avenue for inquiry and investigation. The role of the student in this course is to develop inquiry and problem solving skills within the context of technology and applied scientific investigation concepts including engineering principles. Students will collaborate on a group project and be required to participate in a final presentation. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Advanced Physical World Projects MS	In this advanced multidisciplinary course, students will explore several topics with a focus on technology and the physical world. This hands on project based class will provide an avenue for inquiry and investigation. The role of the student in this course is to develop inquiry and problem solving skills within the context of technology and applied scientific investigation concepts including engineering principles. Students will collaborate on a group project and be required to participate in a final presentation.* Prerequisites: None* This course includes an optional learning experience.*
Advertising and Sales Promotion	What comes to mind when you think of "marketing"? Perhaps a familiar television jingle plays in your head? Or maybe you think of those irritating sales phone calls? There's no denying the sheer magnitude and power of the marketing industry. Every year companies spend approximately $200 billion promoting their products and services' that's just in the United States alone! You may be familiar with being on the receiving end marketing, but what's it like on the other side? In Advertising and Sales Promotions, you'll see how these marketing campaigns, ads, and commercials are brought to life and meet some of the creative folks who produce them. You'll learn about different marketing career opportunities and discover ways to be part of this exciting, fast-paced industry.* Prerequisites: None
African American History	Over the course of U.S. history, how have African Americans helped shaped American culture? This African American History course answers that question by tracing the accomplishments and obstacles of African Americans beginning with the slave trade on up to the modern Civil Rights movement. What was it like during slavery, or after emancipation, or during the years of discrimination under Jim Crow? Who were some of the main figures who have shaped African American history? In this course, you will learn about the political, economic, social, religious, and cultural factors that have influenced African American life, come face to face with individuals who changed the course of history and explore how the African American story still influences current events today.* Prerequisites: None
African American Literature	African-American Literature guides students through the various cultural periods of African-American history through literature. This course explores the narratives of Africans and African-Americans whose contributions have shaped the world. Students are exposed to African-American literature and culture from the past to the present and learn how these works have profoundly impacted literature as a whole.* Prerequisites: None
Agriprojects EL	Through a multidisciplinary approach, students will explore the environment of the horse in American and European culture. Topics will include the physical attributes of a horse, nutrition including feed and the farmyard, the key components of the horse's living environment, including the barn, pastures and forages. Further, students will explore the businesses and technology aspects of the equine sciences and veterinary studies. We will also explore the horse as the focus of artistic expression and American culture. Students will create art projects and learn about the various forms of riding as a sport, for pleasure, competition or artistic expression.* Prerequisites: None* This course includes an optional learning experience.*
Agriprojects HS	Through a multidisciplinary approach, students will explore the environment of the horse in American and European culture. Topics will include the physical attributes of a horse, nutrition including feed and the farmyard, the key components of the horse's living environment, including the barn, pastures and forages. Further, students will explore the businesses and technology aspects of the equine sciences. We will also explore the horse as the focus of artistic expression and American culture. Students will create art projects and learn about the various forms of riding as a sport, for pleasure, competition or artistic expression.* Prerequisites: None* This course includes an optional learning experience.*
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Agrisciences I: Introduction	How can we make our food more nutritious? Can plants really communicate with each other? These are just two of the questions tackled in Agriscience 1: Introduction. From studying the secrets in corn roots to examining how to increase our food supply, this course examines how agriscientists are at the forefront of improving agriculture, food production, and the conservation of natural resources. In Agriscience 1: Introduction, you'll learn about the innovative ways that science and technology are put to beneficial use in the field of agriculture. You'll also learn more about some of the controversies that surround agricultural practices as nations strive to provide their people with a more abundant and healthy food supply.* Prerequisites: None
Agrisciences II: Sustaining Human Life	Have you ever strolled past a bright green cauliflower at the market and paused to ponder its unusual color? Ever wonder why broccolini is suddenly a thing? Well, if you find yourself curiously questioning these, and other, peculiar vegetables and wondering about the role of agriculture in the modern world, Agriscience II is for you. Learn how science and technology are revolutionizing our food supply and promoting innovative ways to produce healthy plant-based foods, such as developing better hybrids and growing edible plants in challenging places. Food is our most essential resource; see how plant science will change the face of eating in the 21st century and give us the knowledge to continually improve our green thumbs!* Prerequisites: Introduction to Agriscience
Algebra I	Algebra I continues the exploration of variables, function patterns, graphs, and equations. Students are expected to describe and translate graphic, algebraic, numeric, and verbal representations of relations and use those representations to solve problems. This course provides a solid foundation for further study in mathematics by helping students to develop computational, procedural, and problem-solving skills.* Prerequisites: Pre-Algebra
Algebra I (Hybrid)	Algebra 1 teaches all basic algebra concepts. These include basic properties, solving equations (including simultaneous equations), coin problems, exponents and square roots, scientific notation, unit multipliers, and metric conversions. Graphing lines is taught in detail, and graphing conic sections is introduced. * Prerequisites: Pre-Alg * This course includes an optional learning experience. *
Algebra I CR	Algebra I continues the exploration of variables, function patterns, graphs, and equations. Students are expected to describe and translate graphic, algebraic, numeric, and verbal representations of relations and use those representations to solve problems. This course provides a solid foundation for further study in mathematics by helping students to develop computational, procedural, and problem solving skills.* Prerequisites: None

Course Name	Course Description
Algebra II	In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students become proficient at solving equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. Additionally, introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. * Prerequisites: Algebra I
Algebra II (Hybrid)	Algebra II reviews and expands on topics taught in Algebra 1. The course covers advanced factoring, imaginary and complex numbers, conjugate numbers, the binomial theorem, the quadratic formula, motion problems, and other kinds of application problems. Graphing includes extensive practice with conic sections and solving systems of equations visually and algebraically. Vectors are also introduced. * Prerequisites: Geometry * This course includes an optional learning experience. *
Algebra II CR	In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students become proficient at solving equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. Additionally, introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. * Prerequisites: Algebra I
Algebra II1	In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students become proficient at solving equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. Additionally, introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. * Prerequisites: Algebra I
Algebra II1 CR	In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students become proficient at solving equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. Additionally, introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. * Prerequisites: Algebra I
Algebra II2	In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students become proficient at solving equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. Additionally, introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. * Prerequisites: Algebra I
Algebra II2 CR	In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students become proficient at solving equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. Additionally, introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. * Prerequisites: Algebra I
Amazing USA Projects EL	Through a multidisciplinary approach, this course will focus on cultural and geographical studies. Students will use technology and artistic expression to research and present local and global geographic and cultural concepts. This project will include the exploration of the unique flavors of regions, the influence of exceptional historical events, landmarks, famous people,* Prerequisites: None* This course includes an optional learning experience.*
Amazing USA Projects HS	Through a multidisciplinary approach, this course will focus on cultural and geographical studies. Students will use technology and artistic expression to research and present local and global geographic and cultural concepts. This project will include the exploration of the unique flavors of regions, the influence of exceptional historical events, landmarks, famous people, music, the arts. Topics may include exploring the Motor City's place in the state and in the region and world. Through inquiry, students will discuss and collaborate to learn about the United States' place in the world. * Prerequisites: None* This course includes an optional learning experience.*
Amazing USA Projects MS	Through a multidisciplinary approach, this course will focus on cultural and geographical studies. Students will use technology and artistic expression to research and present local and global geographic and cultural concepts. This project will include the exploration of the unique flavors of regions, the influence of exceptional historical events, landmarks, famous people, music, the arts. Topics may include exploring the Motor City's place in the state and in the region and world. Through inquiry, students will discuss and collaborate to learn about the United States' place in the world. * Prerequisites: None* This course includes an optional learning experience.*
American Cultures EL	Through a multidisciplinary approach, students will learn to draw, sketch or paint using the American cultures as a backdrop to display the forces that shaped and formed America. Artistic expressions will reflect time periods from discovery of America to modern times.* Prerequisites: None* This course includes an optional learning experience.*
American Cultures HS	Through a multidisciplinary approach, students will learn to draw, sketch or paint using the American cultures as a backdrop to display the forces that shaped and formed America. Artistic expressions will reflect time periods from discovery of America to modern times. * Prerequisites: None * This course includes an optional learning experience. *
American Cultures MS	Through a multidisciplinary approach, students will learn to draw, sketch or paint using the American cultures as a backdrop to display the forces that shaped and formed America. Artistic expressions will reflect time periods from discovery of America to modern times. * Prerequisites: None * This course includes an optional learning experience. *
American Eras EL	Through a multidisciplinary approach, students will focus on the themes of art and music which provided an avenue of expression and reaction to the events and influences of American culture, historical events including the time period of the discovery of America to the present.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
American Eras HS	Through a multidisciplinary approach, students will focus on the themes of art and music which provided an avenue of expression and reaction to the events and influences of American culture, historical events including the time period of the discovery of America to the present, dealing with social, spiritual, political and economic impacts. * Prerequisites: None * This course includes an optional learning experience. *
American Eras MS	Through a multidisciplinary approach, students will focus on the themes of art and music which provided an avenue of expression and reaction to the events and influences of American culture, historical events including the time period of the discovery of America to the present, dealing with social, spiritual, political and economic impacts. * Prerequisites: None * This course includes an optional learning experience. *
American Pioneers EL	Through a multidisciplinary approach, students will explore and learn about the world of America's first permanent English colonists and the Native Americans they encountered. Explore other time periods led by American Pioneers from the discovery of America to the modern era.* Prerequisites: None* This course includes an optional learning experience.*
American Pioneers HS	Through a multidisciplinary approach, students will explore and learn about the world of America's first permanent English colonists and the Native Americans they encountered. Explore other time periods led by American Pioneers from the discovery of America to the modern era.* Prerequisites: None* This course includes an optional learning experience.*
American Pioneers MS	Through a multidisciplinary approach, students will explore and learn about the world of America's first permanent English colonists and the Native Americans they encountered. Explore other time periods led by American Pioneers from the discovery of America to the modern era. * Prerequisites: None* This course includes an optional learning experience.*
American Sign Language I	ASL 1 is an introduction to American Sign Language (ASL). The first semester of this course includes basic grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. The second semester is a continuation of basic study of the language and culture; an opportunity to build receptive and expressive sign vocabulary; use of signing space; further use of non-manual components of ASL grammar including facial expression and body postures, and introduction to conversational regulators. Discussion of regional and ethnic sign variations, as well as social, political and educational institutions of the Deaf community will be explored. Interaction with members of the Deaf community in both directed and non-directed activities will be featured. Higher levels of the class will expand upon these concepts and skills.* Prerequisites: None
American Sign Language II	ASL grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. * Prerequisites: ASL I
American Sign Language III	ASL grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. * Prerequisites: ASL II
American Sign Language IV	ASL grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. * Prerequisites: ASL III
American Sign Language Projects EL	Through a multidisciplinary approach, students will learn how they can communicate with a Deaf friend, coworker, relative, or other signers. The online class will explore the life of famous Deaf citizens, the new technological advances in the Deaf community. The hands on project will consist of learning key vocabulary as well as facial expression, finger spelling, sentences, and even a song! Students will also learn about the history of sign language and Deaf culture. The goal for this course is conversational skill, through the use of demonstration, constructive feedback on proper hand shapes and motions, lots of classroom practice, understanding of the importance of word order, and confidence-building. * Prerequisites: None * This course includes an optional learning experience. *
American Sign Language Projects HS	Through a multidisciplinary approach, students will learn how they can communicate with a Deaf friend, coworker, relative, or other signers. The online class will explore the life of famous Deaf citizens, the new technological advances in the Deaf community. The hands on project will consist of learning key vocabulary as well as facial expression, fingerspelling, sentences, and even a song! Students will also learn about the history of sign language and Deaf culture. The goal for this course is conversational skill, through the use of demonstration, constructive feedback on proper hand shapes and motions, lots of classroom practice, understanding of the importance of word order, and confidence-building. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
American Sign Language Projects MS	Through a multidisciplinary approach, students will learn how they can communicate with a Deaf friend, coworker, relative, or other signers. The online class will explore the life of famous Deaf citizens, the new technological advances in the Deaf community. The hands on project will consist of learning key vocabulary as well as facial expression, fingerspelling, sentences, and even a song! Students will also learn about the history of sign language and Deaf culture. The goal for this course is conversational skill, through the use of demonstration, constructive feedback on proper hand shapes and motions, lots of classroom practice, understanding of the importance of word order, and confidence-building. * Prerequisites: None * This course includes an optional learning experience. *
American Sign Language V	The fifth year of the American Sign Language course continues with refining fluency in conversational signing, building on advanced grammatical features, and confidence. Additionally, students will start to build on their interpreting skills between English and ASL and vice versa. Learning outcomes will be demonstrated through various activities including ASL receptive exercises, expressive skills, dialogues, and homework assignments. * Prerequisites: ASL IV
Anatomy and Physiology IA: Introduction	Increase your students understanding about the form and function of the human body! Starting with the relationship between anatomy and physiology, students will then learn about cell structure and their processes. Learners will also discover the functions and purposes of the skeletal, muscular, nervous, and cardiovascular systems, as well as diseases that affect those systems. Focusing on terminology, this course is essential to students pursuing the health sciences or wanting to gain a greater sense of how the human body works. * Prerequisites: None
Anatomy and Physiology IB: Discovering Form and Function	Building on the prior prerequisite course, students will examine the form and function of even more body systems. Students will learn about the structure, function, and interrelation between the lymphatic, immune, respiratory, digestive, urinary, and the endocrine systems. The reproductive system is also discussed along with hereditary traits and genetics. Finally, students will explore the importance of accurate patient documentation as well as technology used in the industry. * Prerequisites: Anatomy and Physiology I
Animation 1A: Intro	Have you ever watched a cartoon or played a video game where the animation of characters captivated you so much you wanted to create your own? If so, it's time to immerse yourself in the world of animation. Meet the industry players such as directors, animators, and 3D modelers. Develop your story by exploring design, the 12 principles of animation, creating a storyboard, and leveraging the tools of the trade. Let's bring your story to life with animation! * Prerequisites: None
Animation 1B: Animating Your Creativity	It's time to start animating like the pros! In this hands-on course, you'll immediately start exploring the software Blender, your gateway to 3D modeling, computer animation, and postproduction procedures used in the film industry. Discover 3D modeling and animation of characters. Explore the basics of human anatomy and form to apply rigging, joints, and texture. Examine rendering and lighting effects and how to apply sound. And discover careers so you can start using your new skills right away. * Prerequisites: None
Anthropology I: Uncovering Human Mysteries	What makes us human? Is it our ability to use language? Is it our abstract thinking skills or our use of tools and technology? In Anthropology 1: Uncovering Human Mysteries you will trace the history of homo sapiens and explore our evolutionary trail. This course offers an anthropologic lens to observe our movement from cave dweller to modern human. It sheds light on how we forged our way and developed all of the things that make us human, such as our cultures, languages, and religions. We, as humans in the 21st century, are highly intelligent, innovative people with astounding technological ability – how did we get this way? * Prerequisites: None
Anthropology II: More Human Mysteries Uncovered	How does your culture influence you? Find out how different locations shape various cultures and, in turn, how these cultures shape people's lives around the world - from the jungles of the Amazon to the islands of Indonesia. Anthropology II: More Human Mysteries Uncovered provides a fascinating look at this puzzle of culture. Many of our ancient cultures and languages were shaped by the geographical locations of our ancestors, and in this course, you will begin to visualize new ideas about how ancient cultures flourished through examining their views on life, death, art, and survival. In looking back and learning about cultures through the ages, we are better equipped to understand the world around us today. * Prerequisites: Anthropology I
AP Art History	Students will examine major forms of artistic expression from the past and present and from a variety of cultures. While learning to look at these works of art critically, with intelligence and sensitivity, students will articulate what they see or experience. * Prerequisites: Counselor Approval
AP Biology	This challenging course is designed to provide a college-level experience and prepare students for the AP Biology exam. Students are engaged in a wide variety of activities with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays, mastering biology concepts, and making connections. The key themes in the course include the scientific processes; the effects of science on technology and society; the chemistry and makeup of living organisms; and genetics, diversity, and evolution. * Prerequisites: Counselor Approval
AP Calculus AB	This college-level course covers such concepts as derivatives, integrals, limits, approximation, applications, and modeling. In the first semester, students begin by reviewing function notation, and then they explore absolute value, piecewise, exponential, logarithmic, trigonometric, polynomial, and rational functions. After studying limits and continuity, students move on to concepts of derivatives, including the chain rule, differentiation, implicit differentiation, and logarithmic differentiation. Toward the end of the course, students apply what they have learned to solve integration problems. This course prepares students for the AP Calculus AB exam. A TI-83+ or TI-84+ graphing calculator is required for this course. * Prerequisites: Counselor Approval
AP Calculus BC	This course, an extension of AP Calculus AB, emphasizes broad concepts and applicable methods. Students describe and analyze functions, limits, and graphs; calculate and apply derivatives; interpret and apply integrals, and study polynomial approximations and series.* Prerequisites: Counselor Approval

Course Name	Course Description
AP Chemistry	AP Chemistry builds students' understanding of the nature and reactivity of matter. After studying chemical reactions and electrochemistry, students move on to understand how the chemical and physical properties of materials can be explained by the structure and arrangements of the molecules and the forces between those molecules. Students will examine the laws of thermodynamics, molecular collisions, and the reorganization of matter in order to understand how changes in matter take place. Finally, students will explore chemical equilibria, including acid-base equilibria. The equivalent of an introductory college-level chemistry course, AP Chemistry prepares students for the AP exam and for further study in science, health sciences, or engineering.* Prerequisites: Counselor Approval
AP Computer Science	This course involves developing the skills to write programs or part of programs to correctly solve specific problems. Students will learn design techniques to make programs understandable, adaptable, and reusable. * Prerequisites: Counselor Approval
AP English Language and Composition	This course provides high school students with college-level instruction in language, rhetoric, and exposition. Students study and write various kinds of analytic and persuasive essays on literary and nonliterary topics. Students become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both reading and writing assignments are designed to make students aware of the interaction among a writer's subject and purpose and the audience's expectations, as well as the way in which conventions and language contribute to effectiveness in writing. This course prepares students for the AP English Language and Composition exam by enabling them to read, comprehend, and write about complex texts while developing further communication skills at a college level. * Prerequisites: Counselor Approval
AP English Literature and Composition	This course prepares high school students for the AP English Literature and Composition exam by providing them with college-level instruction in various kinds of analytic and persuasive essays on literary and nonliterary topics. Students become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Through their integrated reading and writing activities, students analyze and evaluate the interaction among a writer's subject and purpose and the audience's expectations, as well as the way in which conventions and language contribute to effectiveness in writing. * Prerequisites: Counselor Approval
AP Environmental Science	The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand interrelationships in the natural world, identify and analyze environmental problems that are natural and human-made, and prepare for the AP Environmental Science exam. Students evaluate the relative risks associated with these problems and examine alternative methods for resolving or preventing problems. Hands-on and virtual lab experiences support students' ability to master the content. * Prerequisites: Counselor Approval
AP Human Geography	This course is designed to provide college level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, tools, and geographical data to examine spatial patterns and analyze the changing interconnections among people and places. * Prerequisites: Counselor Approval
AP Macroeconomics	Students will understand the choices they must make as producers, consumers, investors, and taxpayers. This course provides students with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants.* Prerequisites: Counselor Approval
AP Microeconomics	This course introduces the ways in which people make use of limited resources. Students examine supply and demand, factors of production, the roles of labor and management, the relationship between the environment and the economy, and the impact of government policies on individuals' economic decisions. Students also study the stock market and track the progress of various stocks. This course prepares students for the AP Microeconomics exam. * Prerequisites: Counselor Approval
AP Modern World History	The Online Advanced Placement World History: Modern (WHAP) is a challenging full year course that explores from the year 1200 C.E. to the present day. WHAP is considered the equivalent of a semester college survey course in Modern World history (equal three credits). In Online AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. This online course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Because the exam is prepared by the college Board and given at local high schools, course requirements will be completed by the first week in May in order to prepare for the test. * Prerequisites: Counselor Approval
AP Psychology	This is a college-level course providing students an overview of the development of human behaviors and thoughts. Along with preparation for the AP Psychology exam, the goals of this course are to immerse students in modern psychological investigation techniques, to accentuate the ethics and morality of human and animal research, and to emphasize scientific critical thinking skills in application to the social sciences. * Prerequisites: Counselor Approval
AP Spanish Language	The main objective of this course is to develop students' interpersonal communication skills and prepare them for the AP Spanish Language exam. Students develop a strong command of the Spanish language and become very proficient in reading, writing, and speaking. Students are exposed to Spanish literature, historical and current events, music, movies, radio, and television. * Prerequisites: Counselor Approval

Course Name	Course Description
AP Statistics	Students gain an understanding of the vocabulary, method, and meaning of statistics. They explore data and patterns found in the world around them by analyzing information and noting statistical relationships. They apply their knowledge to relevant, open-ended tasks requiring them to connect multiple statistical topics together. To demonstrate their comprehension, students actively construct experiments to understand, interpret, communicate, and apply statistical methods. General topics of study include planning and designing a study, anticipating patterns, and making statistical inferences. This course prepares students for the AP Statistics exam. * Prerequisites: Counselor Approval
AP U. S. Government and Politics	Students will research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. They will experience the production of policy building in the areas of economic/social policy, foreign policy, and public administration. * Prerequisites: Counselor Approval
AP United States History	Woven into the chronology of this course are the key themes of American History. Issues of American identity, diversity, religion, and culture are examined. Economic transformations, the development of political institutions, and reform movements are evaluated. War, slavery, and demographic changes are assessed. Globalization and environmental issues are analyzed. * Prerequisites: Counselor Approval
Applied Engineering IA: Introduction	Discover how technology has changed the world around us by pursuing technological solutions to everyday problems. While using scientific and engineering methods, learn how electricity, electronic systems, magnets, and circuits work. Understand the design process and bring your ideas to life. Explore how engineering advances your ideas and the world! * Prerequisites: None
Applied Engineering IB: Solving Problems Together	Do you like to invite solutions to solve problems? Applied engineering has advanced areas such as energy, transportation, health and genetics, alternative energy, food packaging, etc. Explore various inventions and solutions that have solved problems across industries. Examine how artificial intelligence and technology are making an impact on breakthroughs. Evaluate the range of robotic and STEM-related career options available for you to make a difference in lives with your contributions and innovations. * Prerequisites: Applied Engineering Ia
Archaeology EL	Through a multidisciplinary approach, students will become archaeologists as they study materials left behind. By sorting through and categorizing trash, students learn that archaeology is the study of ancient people through an examination of used and discarded objects, and that scholars must work together to understand the evidence they uncover.* Prerequisites: None* This course includes an optional learning experience.*
Archaeology HS	Through a multidisciplinary approach, students will become archaeologists as they study materials left behind. By sorting through and categorizing trash, students learn that archaeology is the study of ancient people through an examination of used and discarded objects, and that scholars must work together to understand the evidence they uncover. * Prerequisites: None * This course includes an optional learning experience. *
Archaeology MS	Through a multidisciplinary approach, students will become archaeologists as they study materials left behind. By sorting through and categorizing trash, students learn that archaeology is the study of ancient people through an examination of used and discarded objects, and that scholars must work together to understand the evidence they uncover. * Prerequisites: None * This course includes an optional learning experience. *
Archaeology: Detectives of the Past	The famous Spanish philosopher and writer George Santayana once said, 'se who cannot remember the past are condemned to repeat it.' know from studying history how true this statement is, and the age-old field of archaeology helps us to better understand, through discovery and analysis, how ancient civilizations have shaped the modern world. This fascinating course, Archaeology: Detectives of the Past, explores the various techniques, methods, and theories of this field and illustrates how archaeologists conduct their studies. What is it like to uncover precious artifacts? How are they located and preserved? Find the answer to these questions and more as you learn how ancient discoveries can unlock the secrets of a long and colorful past.* Prerequisites: None
Art 1	Students expand their understanding of color, line, and shape. Activities include drawing, cutting, creating designs, and paper construction. The concepts of texture and threedimensional forms are also introduced.* Prerequisites: None
Art 2	Students learn how the elements and principles of art are combined to create unique and expressive artwork. They explore how art is connected to other subjects such as science and math. Students also learn the basics of drawing, painting, and three-dimensional design.* Prerequisites: None
Art 3	Students engage in arts and crafts that explore the characteristics of the four seasons. As they study the art of various cultures, they are introduced to art history and art criticism. Students also use a variety of media to create two- and three-dimensional projects.* Prerequisites: None
Art 4	In this course, students are introduced to works of art from several continents. As they become more familiar with art elements and the principles of design, they learn how these are applied in creating visual art in diverse cultures around the world. In addition, students use various media to create two- and three-dimensional projects.* Prerequisites: None
Art 5	Students are introduced to various works of art, and they become familiar with the elements of art and the principles of design. They examine how these elements and principles were applied to create visual art in different time periods and cultures. Students use assorted media to create two- and three-dimensional projects.* Prerequisites: None

Course Name	Course Description
Art 6	This course focuses on how students can identify art in everyday life and in their surroundings. Students discover art forms from the items they find on their person, in their home, and in the community. They complete art history, art criticism, and art production activities with an American art focus. Through a variety of media, students create two- and threedimensional art projects, emphasizing drawing, design, and functionality.* Prerequisites: None
Art 7	In this course, students will experience the creative processes used by all artists. They will learn how to analyze, interpret, and evaluate art. At the end of this course, they will have a portfolio of work that demonstrates their own skill and creativity as an artist.* Prerequisites: None
Art 8	Students explore how art can be used for design, functionality, or personal expression. They study how American and international visual art influences ideas, actions, cultures, and environments. Students use various media and techniques to create two- and three-dimensional visual art projects. Through discussions of art history and criticism, students learn methods to analyze, interpret, and judge artworks. Students also make connections between art and artists, from across time and location, and explore how science, math, history, and religion impact art.* Prerequisites: None
Art and Early Civilizations EL	This class is an exploration of art through the lens of the study of world civilization, from early civilizations to present. Topics include the impact of art upon history, historiography and the skills of historical inquiry, how areas were developed, maintained, lost, joined, an overview of wars, world leaders. Culture studies include world art expressed in beliefs, morals, and traditions.* Prerequisites: None* This course includes an optional learning experience.*
Art and Early Civilizations HS	This class is an exploration of civilization and art through the lens of the study of world civilization, from early civilizations to present. Topics include the impact of art upon history, historiography and the skills of historical inquiry, how areas were developed, maintained, lost, joined, an overview of wars, world leaders. Culture studies include world art expressed in beliefs, morals, and traditions. Projects may include digital collaboration via Google Slides, PowerPoint or other presentation of chosen subject, art, war, culture or other topic of interest. * Prerequisites: None * This course includes an optional learning experience. *
Art and Early Civilizations MS	This class is an exploration of civilization and art through the lens of the study of world civilization, from early civilizations to present. Topics include the impact of art upon history, historiography and the skills of historical inquiry, how areas were developed, maintained, lost, joined, an overview of wars, world leaders. Culture studies include world art expressed in beliefs, morals, and traditions. Projects may include digital collaboration via Google Slides, PowerPoint or other presentation of chosen subject, art, war, culture or other topic of interest. * Prerequisites: None * This course includes an optional learning experience. *
Art and Visual Culture	In Art and Visual Culture, students analyze and interpret artwork created by others, examine the concepts of aesthetics and art criticism, and explore the practical application of art in a variety of careers. Art and Visual Culture highlights drawing as a form of communication and introduces students to the elements of art and principles of design through handson activities. Students sharpen their observation skills using a variety of art media and become adept at using basic techniques and processes to depict the world around them. Furthermore, students express their thoughts and feelings through art practice and experimentation. This course prepares students to pursue art as an area of study. * Prerequisites: None
Art Appreciation	Art Appreciation focuses on the art and architecture of the ancient Near East and Europe. The course begins with a brief overview of the fundamental methods of art. The course continues to evaluate the meaning, purposes, and styles of art. Art appreciation reviews the art elements and principles of design, including the various media used to create artwork. This course follows a chronological timeline showing how art and world events have influenced each other from early medieval times to the modern era. Particular emphasis centers on viewing works of art within their historical and cultural context so that students learn to understand how these key achievements relate to the past and present world.* Prerequisites: None
Art Development II EL	The importance of fine arts is a benefit, not just to the older student and population, but is a necessary area of development for the young student who will benefit with it in all areas of education. Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. It is important for the student to make a connection between the verbal and visual; logic and emotions; imagination and reality. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. The fine art program promotes self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if encouraged, will be needed though out their life. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Again, this is a necessity in lifetime experiences. The student will see the artistic expressions and inventions from cultures around the world that are part of the history of mankind and development. Modern media provides many opportunities to the student. However, the student has the benefit to experience it more closely in art classes. Repetition, important for young children, is evident in these lessons. Repetition is provided at different age levels while using various tools and mediums. Home, family and friends, pets, and toys are the young student's world. The student will begin with their personal world as they think they know it, and discover so much more about it. These lessons provide a deeper awareness of the world immediately around them, and eventually their journey will grow from there. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.* Prerequisites: None

Course Name	Course Description
Art Development III EL	The Art program provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop their personal source of knowledge and creativity. Art offers the student the opportunity to experience a connection between the verbal and visual; logic and emotions; imagination and reality. The student is guided and encouraged to express feelings and emotions in their drawings and with color while promoting self-esteem and self-awareness in personal fulfillment. The imagination in children is encouraged in art. However, it will assist them in their other studies as well. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. The student is introduced to some of the artistic expressions and techniques from cultures around the world. Modern technology provides opportunities for the student to observe this history. The art student will use some of these elements themselves in their own artwork. Repetition, important for children, is provided at different age levels while using various tools and mediums. Home, family, traditions, friends, pets, and toys are the young student's world. The student will explore what they know of their world. These lessons provide a deeper awareness of the world immediately around them where their journey is just beginning. As an individual each student is gifted with unique talents and ideas. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which they live.* Prerequisites: None
Art Development IV EL	The Art program provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop their personal source of knowledge and creativity. Art offers the student the opportunity to experience a connection between the verbal and visual; logic and emotions; imagination and reality. The student is guided and encouraged to express feelings and emotions in their drawings and with color while promoting self-esteem and self-awareness in personal fulfillment. The imagination in children is encouraged in art. However, it will assist them in their other studies as well. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. The student is introduced to some of the artistic expressions and techniques from cultures around the world. Modern technology provides opportunities for the student to observe this history. The art student will use some of these elements themselves in their own artwork. Repetition, important for children, is provided at different age levels while using various tools and mediums. Home, family, traditions, friends, pets, and toys are the young student's world. The student will explore what they know of their world. These lessons provide a deeper awareness of the world immediately around them where their journey is just beginning. As an individual each student is gifted with unique talents and ideas. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which they live.* Prerequisites: None
Art Explorations MS	Introducing students to diverse areas in the arts can broaden their perspective on the arts in general. Arts Explorations encourages students to experience each of the modern arts disciplines including Visual Arts, Theatre, Music, Media Arts and Dance. Students will also be able to identify areas of special interest where they would like continued study and the ways that the arts can be a part of their career paths.* Prerequisites: None
Art for the Ages EL	In this multidisciplinary class for younger students, they will explore from the dawn of Civilization to 0 AD. We will explore the different types of art and how they were used in architecture.* Prerequisites: None* This course includes an optional learning experience.*
Art for the Ages HS	In this multidisciplinary class, students, they will explore from the dawn of Civilization to 0 AD. We will explore the different types of art and how they were used in architecture. * Prerequisites: None * This course includes an optional learning experience. *
Art for the Ages MS	In this multidisciplinary class, students, they will explore from the dawn of Civilization to 0 AD. We will explore the different types of art and how they were used in architecture. * Prerequisites: None * This course includes an optional learning experience. *
Art in World Cultures	Who do you think is the greatest artist of all time? Maybe Leonardo da Vinci? Michelangelo? Maybe a more modern artist like Claude Monet or Pablo Picasso? Or is it possible that the greatest artist of all time is actually someone whose name has been lost to history? In Art in World Cultures, you'll learn about some of the greatest artists in the world while creating your own art, both on paper and digitally. This course explores basic principles and elements of art and teaches you how to critique different art works art. And along the way, you will get to discover some traditional art forms from various regions of the world including the Americas, Africa, and Oceania.* Prerequisites: None
Art K	In art, students explore color, line, and shape. A combination of interactive and hands-on studio projects encourages students to create art. They sharpen their motor skills and explore the areas of art they find interesting. Artistic modes include drawing, painting, assembling, and sculpting.* Prerequisites: None
Art Techniques Projects EL	Through a multidisciplinary approach, students will explore the varying qualities of materials, techniques, media technology, and processes at a developing level. Students will develop the concept of proper use of art materials and using tools safely and responsibly.* Prerequisites: None* This course includes an optional learning experience.*
Art Techniques Projects HS	Through a multidisciplinary approach, students will explore the varying qualities of materials, techniques, media technology, and processes at an advanced and developing level. Students will develop the concept of proper use of art materials and using tools safely and responsibly, develop a successful visual vocabulary, develop reflective thinking skills by observing, analyzing, and critically evaluating works of art for the purpose of improving technical quality, produce and exhibit a final product that demonstrates quality craftsmanship and technique at a developing level. * Prerequisites: None * This course includes an optional learning experience. *
Art Techniques Projects MS	Through a multidisciplinary approach, students will explore the varying qualities of materials, techniques, media technology, and processes at an advanced and developing level. Students will develop the concept of proper use of art materials and using tools safely and responsibly, develop a successful visual vocabulary, develop reflective thinking skills by observing, analyzing, and critically evaluating works of art for the purpose of improving technical quality, produce and exhibit a final product that demonstrates quality craftsmanship and technique at a developing level. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Arts and Crafts 1	This course provides a foundation for children' inherent artistic imagination and creativity by sharing the basics of art and making art. Students are introduced to primary colors, the color wheel, shapes such as lines and circles, and concepts such as symmetry. Young artists will also explore a variety of media such as pastels, watercolors, crayons , tempera, and pencil drawing. A particular emphasis on this course is on creating works of art. In this semester students will work create a watercolor tree, use a printing block, produce weather painting, and produce a watercolor painting. Emphasis in the second semester students will be placed on applying what the students have learned to make more detailed works of art. In this semester students will be creating colorful calendars, stenciling, fashioning intricate flower drawings, revisiting symmetrical objects, and mixing colors. This course will provide students with opportunities to experience many different forms of arts and to express their imagination while learning valuable skills. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.* Prerequisites: None
Arts and Crafts 2	Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. Arts and Crafts promote self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if encouraged, will be needed though out their life. This course provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Learners will begin the course by creating a color wheel and understanding the difference between primary, secondary, and complimentary colors. Learners will use watercolors to create a value chart and begin to understand symmetry in art. At the end of the semester students will work with clay and create a Memorial Clay. In semester B of Arts and Crafts, students will continue to explore their creativity while also learning ways that art can be functional and add to objects and materials that we use on an everyday basis. Students will begin the semester by creating a 12 month calendar. The students will focus on new month each week. They will also be able to pick a different clay project each week from The Book of Nature Crafts and/or Clay Fun. Once students have completed the calendar project they will begin to work on form drawing and make a seasonal chart using objects familiar with each of the four seasons. The course concludes with students working with wet crayons and wet paper. This course will provide students with opportunities to experience many different forms of arts and to express their imagination while learning valuable skills. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.* Prerequisites: None
Arts and Crafts K	This course provides a foundation for children's inherent artistic imagination and creativity by sharing the basics of art and making art. Students are introduced to lines, circles, recognizing and using shapes, creating a collage and concepts such as symmetry. Young artists will also explore a variety of media such as pastels, watercolors, crayons, tempera, and pencil drawing. A particular emphasis on this course is on creating works of art. In this semester students will work with clay, draw with pastels, make fingerprint flowers, draw barns and animals using shapes and recognizing lines using the student's name. Emphasis in the second semester students will be placed on applying what the students have learned to make more detailed works of art. Among the projects this semester students will be creating a bird feeder, make pig puppets, craft paper flowers, make potpourri, craft a heart collage, construct a wind chime, and press flowers.* Prerequisites: None

Course Name	Course Description
Astronomy IA: Introduction	This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the origin of the universe, the Milky Way, and other galaxies and stars.* Prerequisites: None
Astronomy IB: Exploring the Universe	Building upon the prior prerequisite course, this course presents a variety of subjects that allow the student to become more familiar with the universe. Students will explore the solar system, the sun, comets, asteroids, and meteors as well as become familiar with the concepts of space travel and settlements. Students will also examine the life-cycle of stars and the properties of planets.* Prerequisites: Astronomy I: Introduction
Astronomy Projects EL	Through a multidisciplinary approach, students will explore realms beyond the earth. This hands-on class includes investigation of the Earth's motions and how they affect the appearance of the day and night sky; the major planets, their moons, and other bodies of the solar system. Overview of the major Universe and deep-sky objects and events: including sun, stars, constellations, nebulae, galaxies, comets, and telescopes. History of flight, rocketry and space exploration.* Prerequisites: None* This course includes an optional learning experience.*
Astronomy Projects HS	Through a multidisciplinary approach, students will explore realms beyond the earth. This hands-on class includes investigation of the Earth's motions and how they affect the appearance of the day and night sky; the major planets, their moons, and other bodies of the solar system. Overview of the major Universe and deep-sky objects and events: including sun, stars, constellations, nebulae, galaxies, comets, and telescopes. History of flight, rocketry and space exploration. Classroom lecture, activities and projects will reinforce topics. * Prerequisites: None * This course includes an optional learning experience. *
Astronomy Projects MS	Through a multidisciplinary approach, students will explore realms beyond the earth. This hands-on class includes investigation of the Earth's motions and how they affect the appearance of the day and night sky; the major planets, their moons, and other bodies of the solar system. Overview of the major Universe and deep-sky objects and events: including sun, stars, constellations, nebulae, galaxies, comets, and telescopes. History of flight, rocketry and space exploration. Classroom lecture, activities and projects will reinforce topics. * Prerequisites: None * This course includes an optional learning experience. *
Augmented and Virtual Reality Applications	Separating hype from reality is hard… especially in the fast-growing and evolving space of augmented and virtual reality (AR/VR). Recent advances in technology has allowed AR/VR systems to become extremely sophisticated and realistic. This course introduces students to the technologies that underpin AR/VR systems. Then the course walks through 5 applications of AR/VR and how they will change and impact numerous aspects of our lives and the economy. Students will also learn about and discuss the risks and side effects of these systems, including health, privacy, and ethical implications. * Prerequisites: None
Auto Care Projects EL	This course will help students become confident and responsible auto owners as they learn about car maintenance, light repair, auto ownership and how cars work. Students will learn to make informed decisions about purchasing a car, as well as the financing and insurance options available. Through hands on demonstrations and student centered projects and research, students will learn the four major systems of the car and how and when to properly maintain them, as well as how to handle common problems and roadside emergencies.* Prerequisites: None* This course includes an optional learning experience.*
Auto Care Projects HS	This course will help students become confident and responsible auto owners as they learn about car maintenance, light repair, auto ownership and how cars work. Students will learn to make informed decisions about purchasing a car, as well as the financing and insurance options available. Through hands on demonstrations and student centered projects and research, students will learn the four major systems of the car and how and when to properly maintain them, as well as how to handle common problems and roadside emergencies. * Prerequisites: None * This course includes an optional learning experience. *
Auto Care Projects MS	This course will help students become confident and responsible auto owners as they learn about car maintenance, light repair, auto ownership and how cars work. Students will learn to make informed decisions about purchasing a car, as well as the financing and insurance options available. Through hands on demonstrations and student centered projects and research, students will learn the four major systems of the car and how and when to properly maintain them, as well as how to handle common problems and roadside emergencies. * Prerequisites: None * This course includes an optional learning experience. *
Basic Drawing	In Basic Drawing, students will experiment with several different art materials and tools to see what each tool can do best. Students will explore ordinary things around them to become more observant of the structures and meanings of things which can be seen in your their home and community. Your work will be your own study of the forms, textures, movements, and patterns of the things that you see every day. Each project and each lesson is based on the one before it; so always do the lessons in the order they are given. Be sure to follow the directions exactly regarding which materials, sizes, and subject matter to use for each project. Each lesson will be a study of a new way of drawing. The examples given will show only the method and materials to be used, never the same subject or size as the project assigned. The examples are never to be copied. An example will only show one way of using the technique described. By becoming more observant, by experimenting with new materials, and by exploring a variety of methods, students will continue to grow in artistic skill and enjoyment. Beyond fundamental skills are various levels of creativity. Each lesson provides room for expressing the technical skill learned in a unique, creative way.* Prerequisites: None
Basic Web Design	In this course, students will learn how to design a beautiful and functional website. Students will learn how to take their design and translate it into a live website using Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) programing languages. HTML5 and CSS3 will be the standard versions used in the class. Students will understand design components of websites, including the use of color, layout and when to use different techniques, typography rules, and the importance of imagery. At the conclusion of the course, students will present a website to the class. Upon completion of this course, each student will have hands-on experience creating a fully functioning website. Students do not need to have a previous technical background with HTML or CSS prior to taking this course.* Prerequisites: None
Beginning Brain Games EL	Through a multidisciplinary approach students will explore activities that will increase cognitive abilities, concentration and problem solving through hands on, logic and skill based games.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Beginning Brain Games HS	Through a multidisciplinary approach students will explore activities that will increase cognitive abilities, concentration and problem solving through hands on, logic and skill based games. * Prerequisites: None * This course includes an optional learning experience. *
Beginning Brain Games MS	Through a multidisciplinary approach students will explore activities that will increase cognitive abilities, concentration and problem solving through hands on, logic and skill based games. * Prerequisites: None * This course includes an optional learning experience. *
Beginning Forensics Projects EL	In this multidisciplinary course students will use a variety of technology to explore reasoning skills, observation, memory sharpening, codes and the collection of evidence in a fictional crime scenario. Students will learn about forensic tools, technical resources, forming and testing hypothesis, proper data collection and responsible conclusions.* Prerequisites: None* This course includes an optional learning experience.*
Beginning Forensics Projects HS	In this multidisciplinary course students will be introduced to the use of a variety of technology to explore reasoning skills, observation, memory sharpening, codes and the collection of evidence in a fictional crime scenario. Students will learn about forensic tools, technical resources, forming and testing hypothesis, proper data collection and responsible conclusions. Students will create a movie and digital portfolio of their investigations. * Prerequisites: None* This course includes an optional learning experience.*
Beginning Forensics Projects MS	In this multidisciplinary course students will be introduced to the use of a variety of technology to explore reasoning skills, observation, memory sharpening, codes and the collection of evidence in a fictional crime scenario. Students will learn about forensic tools, technical resources, forming and testing hypothesis, proper data collection and responsible conclusions. Students will create a movie and digital portfolio of their investigations. * Prerequisites: None* This course includes an optional learning experience.*
Beginning Painting	This course introduces students to classical and contemporary painting, techniques and concepts, with emphasis on the understanding of its formal language and the fundamentals of artistic expression. Painting from still life, landscape, and life models from observation will be geared towards realism; at the same time, various other painting styles could be explored. Color theory, linear perspective, compositional structure, figure/ground relationships, visual perception, spatial concepts, and critical thinking skills will all be emphasized. Students will study and research major painting styles and movements in historical context. The hope is that students will use this global approach to develop a 'critical eye' evaluation of contemporary painting. Acrylic and watercolors are the mediums used in this class. The main emphasis of this course is to encourage and nourish individuality and creativity.* Prerequisites: None
Beginning Robotics EL	Through a multidisciplinary approach students will collaborate in this class which includes: simple machines, structures and forces, levers, wheels & axles, gears and motorized systems utilizing technology and engineering. Portfolios will be used to assess course knowledge and application.* Prerequisites: None* This course includes an optional learning experience.*
Beginning Robotics HS	Through a multidisciplinary approach students will collaborate in this class which includes: simple machines, structures and forces, levers, wheels & axles, gears and motorized systems utilizing technology and engineering. Portfolios will be used to assess course knowledge and application. * Prerequisites: None * This course includes an optional learning experience. *
Beginning Robotics MS	Through a multidisciplinary approach students will collaborate in this class which includes: simple machines, structures and forces, levers, wheels & axles, gears and motorized systems utilizing technology and engineering. Portfolios will be used to assess course knowledge and application. * Prerequisites: None * This course includes an optional learning experience. *
Biology	Biology covers a wide range of concepts in the field of biology. Students are introduced to the study of biology and its four unifying themes, and they are introduced to the concept of the cell, including cell structure and function. The concept of the cell is extended, and students explore Mendelian genetics and how humans inherit traits. The course concludes with the structure and mechanisms of DNA, as well as the role of biotechnology in today's society. Students also explore the theory of evolution, including early ideas, how populations evolve, and the history of life on Earth. Students discuss the concept of ecology, where they learn about different principles of ecology. Students in Biology B also learn about the structure and function of major human body systems.* Prerequisites: None
Biology CR	Biology covers a wide range of concepts in the field of biology. Students are introduced to the study of biology and its four unifying themes, and they are introduced to the concept of the cell, including cell structure and function. The concept of the cell is extended, and students explore Mendelian genetics and how humans inherit traits. The course concludes with the structure and mechanisms of DNA, as well as the role of biotechnology in today's society. Students also explore the theory of evolution, including early ideas, how populations evolve, and the history of life on Earth. Students discuss the concept of ecology, where they learn about different principles of ecology.* Prerequisites: None
Biotechnician 2A: Moving into the Lab	Are you ready to have an authentic, positive impact on human life? In this course, you will dive even deeper into the role of a biological technician to understand how genetic engineering works. You will explore managing a biotech laboratory, Microscopy and Spectroscopy, mammalian cell culture, what the day-to-day duties of a biotechnician involve, and more. You will also explore experimental design as it relates to genetic engineering to plan your own experiments. Get ready to break down the building blocks of the human design! * Prerequisites: Biotechnician IA&B
Biotechnician IA: Introduction	There are so many mysteries that need unraveling in the world today that can help us grow better crops, cure diseases, combat pollution, solve crimes, and so much more. If you love the idea of solving problems to make the world a better place, a career as a biotechnician may be for you. In this course, you'll learn the basics of lab safety, how to perform tasks crucial to experimentation, biological basics, and about the exciting careers available in the field of biotechnology. Not all heroes wear capes. Some wear lab coats. Grab yours and let's get started! * Prerequisites: None

Course Name	Course Description
Biotechnician IB: Advancements in Biotechnology	You've scratched the genetic surface of a biotechnician's world, but now, we're going to dive deeper into mankind's future. In this course, you'll explore essential topics that structure the reality of biotechnology such as the role genetics and epigenetics play in influencing human traits, the creation and purpose of recombinant DNA, and how the human immune response can be tweaked to fight disease. You'll also explore GMO's and biofuels and how an idea becomes reality in the biotech industry. Let's continue learning about how you can change the world in a role as a biotechnician. * Prerequisites: None
Biotechnology IA: Introduction	How is technology changing the way we live? Is it possible nature can provide all the answers to some of the science's most pressing concerns? In Biotechnology IA: Introduction, you'll learn the basics of biotechnology and evolutionary theory, explore the various ways we store and preserve food, and discover the process of fermentation and microbiology. This course will also cover the importance of breeding plants and hybridization and how early breeding programs led to the study of genetics and an understanding of the function of genes. Finally, you'll delve into early industrial discoveries and explore the developments in biotechnology during the industrial revolution. * Prerequisites: None
Biotechnology IB: Unlocking Nature's Secrets	The fusion of biology and technology creates an amazing process and offers humanity a chance to significantly improve our existence, while simultaneously creating new challenges. In Biotechnology IB: Unlocking Nature's Secrets, you'll build on your knowledge from Biotechnology I and learn how his field seeks to cure such deadly diseases as cancer and malaria, develop innovative medicine, and effectively feed the world through improved agricultural systems. Learn about some of the challenges biotechnology faces today, such as the growth of antibiotic-resistant bacteria and questions about the safety of commercially produced genetically modified organisms (GMOs). You'll research new biotechnologies and learn how they are changing the world we live in, including the environmental benefits of industrial biotechnology. * Prerequisites: Biotechnology IA: Introduction
Botanical Art EL	Join us on an exciting adventure as we set out to discover the wonders of plants. We'll explore the world of plants through various hands-on living labs: dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art will complement our lessons as we learn about plants from the roots up.* Prerequisites: None* This course includes an optional learning experience.*
Botanical Art HS	We will explore the world of plants through various hands-on living labs. Dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art will complement our lessons as we learn about plants from the roots up: plant classification, plant cells, the life cycle of plants, flower parts, leaf shapes, etc. * Prerequisites: None * This course includes an optional learning experience. *
Botanical Art MS	We will explore the world of plants through various hands-on living labs. Dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art will complement our lessons as we learn about plants from the roots up: plant classification, plant cells, the life cycle of plants, flower parts, leaf shapes, etc. * Prerequisites: None * This course includes an optional learning experience. *
Brain Games EL	Through a multidisciplinary approach students will explore activities that will increase cognitive abilities, concentration and problem solving through hands on, logic and skill based games. This course maintains the core mechanics of beginning brain games but challenges students in higher level thinking.* Prerequisites: None* This course includes an optional learning experience.*
Brain Games HS	Through a multidisciplinary approach students will explore activities that will increase cognitive abilities, concentration and problem solving through hands on, logic and skill based games. * Prerequisites: None * This course includes an optional learning experience. *
Brain Games MS	Through a multidisciplinary approach students will explore activities that will increase cognitive abilities, concentration and problem solving through hands on, logic and skill based games. * Prerequisites: None * This course includes an optional learning experience. *
Business Applications	In Business Applications, students focus on business software and the corresponding skills required in the business world. The course begins with an overview of computers, including hardware, software, and operating systems. Students explore spreadsheet, word processing, presentation, and database software and discover how to fulfill a customer request using these skills. They also study web-based applications and additional software packages and learn about Internet technology. Students investigate common security concerns and discover how to prevent security issues. Finally, students experience the software development cycle where they will learn how various professionals utilize business applications. They will also discover the importance of moral and ethical responsibility in an online community. Students must possess basic spreadsheet, word processing, and presentation software skills before entering this course. Additionally, students must be independent learners, comfortable learning new technology and researching software features and functions.* Prerequisites: None
Business Communication 1A: Introduction	No matter what career you're planning to pursue, excellent professional communication will be key to your success. Upgrade your abilities in speaking, listening, writing, using and reading body language, and communicating in teams and groups. Discover how to plan, create, and deliver business presentations and communicate through graphics. In no time, you'll be communicating with confidence, stand out from your peers, and impress your employer. * Prerequisites: None
Business Communication 1B: Listen, Speak & Write in the Workplace	You've learned your audience, found your voice, and can read the body's unspoken words. Now, it's time to limber up those fingers and learn the P's and Q's of communicating in a business setting. In this course, you're going to take the basic writing skills you've developed and revise them so you can take new approaches to planning, building, and distributing documents for a business audience. You'll continue to explore the essentials of writing while drafting new understandings of business documents, and then you'll learn to apply your business communication skills to job applications, interviews, and presentations. No matter your career of choice, learning to effectively communicate will help your professionalism grow leaps and bounds. Let's get writing! * Prerequisites: None
Business Information Management IA: Introduction	Students will build their career skills and strengthen their knowledge of business information management by exploring types of businesses and the elements of business planning. Learning about the initial requirements to start a business, students will then examine business finances, marketing, sales, and the importance of customer service. Computer hardware, networks, and the internet are discussed as well as the basics of web design. Lastly students will explore ethics and business law, giving each learner an opportunity to discover their passion for business. * Prerequisites: None

Course Name	Course Description
Business Information Management IB: Data Essentials	Students will build their career skills and strengthen their knowledge of business information management by exploring types of businesses and the elements of business planning. Learning about the initial requirements to start a business, students will then examine business finances, marketing, sales, and the importance of customer service. Computer hardware, networks, and the internet are discussed as well as the basics of web design. Lastly students will explore ethics and business law, giving each learner an opportunity to discover their passion for business. * Prerequisites: None
Business Law IA: Introduction	Whether you plan on starting your own business or being in charge of one, it is crucial you understand how to keep the company compliant. Explore what it means to run an ethical business, how to keep intellectual property, technology, and e-commerce safe and protected, understand insurance and taxes, and how to have a healthy workplace environment. Keep the business safe and growing by following the law. * Prerequisites: None
Business Law IB: Legal Aspects of Business	Whether you plan to start your own business, work for an organization, or go into law, it's essential to understand more complex legal requirements that impact business operations and decisions. This is especially true as companies grow and expand domestically and internationally. Explore the differences between criminal and civil law. Examine how state and federal regulations work to protect consumer and employees' rights, protect society and the environment, and understand how business contracts can work to protect everyone. * Prerequisites: None
Business Management	Business Management guides students through examples of their roles as wage earners, consumers, and citizens as they explore the wide, exciting world of business. Course topics range from the extensive use of credit to the role of government in the U.S. economy.* Prerequisites: None
Calculus	This college-level course covers concepts such as limits, derivatives, integrals. In the first semester, students begin by reviewing logarithmic functions, trigonometric functions, and the most common ways to simplify functions. After studying limits, continuity, and the intermediate value theorem, students will learn about derivatives. These concepts of derivatives will include many different techniques of differentiation including the product and quotient rules, derivatives of logarithmic and trigonometric functions, and the chain rule. Beginning in the second semester, students will then use the concepts of derivatives to analyze functions and properties of graphs. After finishing the study of derivatives, students will learn about integrals. These concepts of integrals with include definite and indefinite integrals, the fundamental theorem of calculus, and applications of integrals to find areas and volumes. This course does not fully prepare students for the AP Calculus AB exam. A graphing calculator is not required for this course. * Prerequisites: Pre-Calculus and Counselor Approval
Calculus (Hybrid)	This course presents the topics of differential and integral calculus in an incremental fashion. It begins with a condensed summary of key algebra, trigonometry, and analytic geometry topics, and then progresses into limits, continuity, functions, derivatives, and the differentiation and integration of variables. * Prerequisites: Pre-Calculus * This course includes an optional learning experience. *
Career Exploration I: Charting Your Path MS	Students will get the opportunity to explore careers in a variety of fields and disciplines and understand the necessary skills and education needed to choose a future path. Students will discover careers including business and finance, manufacturing, engineering, and many more! Detailed information on the required education and training options for each are included. Have your students begin gathering information for their journey down a career path today! * Prerequisites: None
Career Exploration II MS	Imagine that it's 20 years from now. What career do you see yourself in? What do you imagine that you'll be doing? Will you be fighting forest fires or engineering the next rocket into space? With all the careers available, it can be difficult to narrow them down. In Middle School Career Exploration II we'll explore more careers and see what it takes to succeed. You'll learn more about what steps are needed to prepare for your career and how to compare the pros and cons of different career choices. Finally, you'll get the chance to try out parts of different careers to see if you're a perfect fit! * Prerequisites: MS Career Exploration I
Career Exploration in Finance	This course introduces students to the challenging and lucrative world of finance. While "Wall Street" may still get a bad rap after the 2008 financial crisis, finance careers still remain highly sought after and can be highly rewarding. The course reviews key financial terms and examines various groups, positions, and roles within financial institutions. Students will learn about resumes, interviews, and networking. Students will also discuss ethics on Wall Street and the role of finance within society. * Prerequisites: None
Career Explorations EL	In this multidisciplinary class, students will explore and research various careers. Students will assess several areas of a career including, education requirement, experience, salary, and growth to determine what would be a good choice for them. Students will participate in several types of self-inventory tests/activities to identify their strengths and talents and learn how these correlate to careers in which they are likely to experience success.* Prerequisites: None* This course includes an optional learning experience.*
Career Explorations HS	In this multidisciplinary class, students will explore and research various careers. Students will assess several areas of a career including, education requirement, experience, salary, and growth to determine what would be a good choice for them. Students will begin their journey looking into careers and their futures after high school and will participate in several types of inventory tests/activities to identify their strengths and talents and how these correlate to careers in which they are likely to experience success. High school students will also explore the tools needed during the interview process: Resume, cover letter, list of references, and follow up letters. * Prerequisites: None * This course includes an optional learning experience. *
Career Explorations MS	In this multidisciplinary class, students will explore and research various careers. Students will assess several areas of a career including, education requirement, experience, salary, and growth to determine what would be a good choice for them. Students will begin their journey looking into careers and their futures after high school and will participate in several types of inventory tests/activities to identify their strengths and talents and how these correlate to careers in which they are likely to experience success. High school students will also explore the tools needed during the interview process: Resume, cover letter, list of references, and follow up letters. * Prerequisites: None * This course includes an optional learning experience. *
Career Planning	The Career Planning course guides students through the essential elements of the career planning process and the development of a defined career plan. Students will consider the many factors that impact career success and satisfaction. Using a process of investigation, research, and self-discovery, students will acquire the understandings critical to the career planning process. Upon completion of the course, students will have created a practical and comprehensive college or career transition portfolio that reflects their skills and abilities, as well as their interests, values, and goals. * Prerequisites: None

Course Name	Course Description
Career Planning and Skill Development	As a high school student, it may seem like an eternity before you'll be working for a living. However, you will be entering the working world sooner than you think - it's important that you're prepared. Career Planning and Skill Develop will learn about qualities that will make you a successful employee and additional career-related skills, such as problem-solving and communication. * Prerequisites: None
Careers in Criminal Justice 1A: Intro	Have you ever wondered what steps take place as people as they move through the court system? The criminal justice system is a very complex field that requires dedicated people willing to pursue equal justice for all. Explore different career choices and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order. * Prerequisites: None
Careers in Criminal Justice 1B: Finding Your Speciality	Have you ever thought about a career as a police officer, an FBI or DEA agent, or any occupation that seeks to pursue justice for all? Careers in criminal justice can be found at local, county, state, and federal levels, and even in the private sector. Explore some of the various occupations in this field, while simultaneously learning how they interact with each other and other first responders. Discover various interviewing techniques to uncover the truth. Understand the importance of making ethical decisions, and how you need to keep your sense of right and wrong in check to be successful in this field. * Prerequisites: None
Cartooning EL	Through a multidisciplinary approach, students will learn how to create Manga characters. They will learn about human proportions and the difference between reality and cartooning. They will learn how to create emotion by the way they draw eyes, eyebrows and mouths. They will learn the difference between male and female traits (hair, eyes, neck & shoulders).* Prerequisites: None* This course includes an optional learning experience.*
Cartooning HS	Through a multidisciplinary approach, students will learn how to create Manga characters. They will learn about human proportions and the difference between reality and cartooning. They will learn how to create emotion by the way they draw eyes, eyebrows and mouths. They will learn the difference between male and female traits (hair, eyes, neck & shoulders). * Prerequisites: None * This course includes an optional learning experience. *
Cartooning MS	Through a multidisciplinary approach, students will learn how to create Manga characters. They will learn about human proportions and the difference between reality and cartooning. They will learn how to create emotion by the way they draw eyes, eyebrows and mouths. They will learn the difference between male and female traits (hair, eyes, neck & shoulders). * Prerequisites: None * This course includes an optional learning experience. *
Ceramics Projects EL	Through a multidisciplinary approach, the student will explore, learn about, and utilize different tools, materials, and glazing processes. Students will create unique ceramic projects and will explore the history and techniques of clay and ceramic artwork.* Prerequisites: None* This course includes an optional learning experience.*
Ceramics Projects HS	Through a multidisciplinary approach, student will explore, learn about, and utilize different tools, materials, and glazing processes. Students will create unique ceramic projects and will explore the history and techniques of clay and ceramic art work. * Prerequisites: None * This course includes an optional learning experience. *
Ceramics Projects MS	Through a multidisciplinary approach, student will explore, learn about, and utilize different tools, materials, and glazing processes. Students will create unique ceramic projects and will explore the history and techniques of clay and ceramic art work. * Prerequisites: None * This course includes an optional learning experience. *
Chemistry	Chemistry can be found in all dynamics of life. One of the biggest topics studied in chemistry is the idea of energy and different forces. In addition, students go through a thorough investigation of matter, the atomic structure, and the periodic table. Students study chemical reactions and determine how the combination of certain components creates a multitude of results. Students learn the fundamentals of gas laws, solutions, thermochemistry, equilibrium, types of reactions, electrochemistry, and organic chemistry. Students in Chemistry B are introduced to nuclear chemistry.* Prerequisites: None
Chemistry (Hybrid)	Chemistry can be found in all dynamics of life. One of the biggest topics studied in chemistry is the idea of energy and different forces. In addition, students go through a thorough investigation of matter, the atomic structure, and the periodic table. Students study chemical reactions and determine how the combination of certain components creates a multitude of results. Students learn the fundamentals of gas laws, solutions, thermochemistry, equilibrium, types of reactions, electrochemistry, nuclear chemistry and organic chemistry. * Prerequisites: None
Chemistry CR	Chemistry can be found in all dynamics of life. One of the biggest topics studied in chemistry is the idea of energy and different forces. In addition, students go through a thorough investigation of matter, the atomic structure, and the periodic table. Students study chemical reactions and determine how the combination of certain components creates a multitude of results.* Prerequisites: None
Chinese I	Mandarin Chinese courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
Chinese I MS	Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
Chinese II	Mandarin Chinese courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. * Prerequisites: Chinese 1

Course Name	Course Description
Chinese II MS	Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. * Prerequisites: MS Chinese I
Chinese III	Mandarin Chinese courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. * Prerequisites: Chinese 2
Choir and Academic Expressions EL	This multidisciplinary course will develop students' vocal and performing arts skills and apply the techniques and processes involved in researching, creating, performing and/or presenting art. Students will develop their own artistic processes, support encouraging and working with their peers in a positive way. Students will develop an appropriate musical terminology through theory and practice to describe and reflect their critical understanding of music. Students will become informed, reflective and critical practitioners in the arts and other academic areas including, mathematical reasoning, visual performing arts, technology, writing, research, foreign language, and psychology.* Prerequisites: None* This course includes an optional learning experience.*
Choir and Academic Expressions HS	This multidisciplinary course will develop students' vocal and performing arts skills and apply the techniques and processes involved in researching, creating, performing and/or presenting art. Students will develop their own artistic processes, support encouraging and working with their peers in a positive way. Students will develop an appropriate musical terminology through theory and practice to describe and reflect their critical understanding of music. Students will become informed, reflective and critical practitioners in the arts and other academic areas including, mathematical reasoning, visual performing arts, technology, writing, research, foreign language, and psychology. * Prerequisites: None* This course includes an optional learning experience.*
Choir and Academic Expressions MS	This multidisciplinary course will develop students' vocal and performing arts skills and apply the techniques and processes involved in researching, creating, performing and/or presenting art. Students will develop their own artistic processes, support encouraging and working with their peers in a positive way. Students will develop an appropriate musical terminology through theory and practice to describe and reflect their critical understanding of music. Students will become informed, reflective and critical practitioners in the arts and other academic areas including, mathematical reasoning, visual performing arts, technology, writing, research, foreign language, and psychology. * Prerequisites: None* This course includes an optional learning experience.*
Cinematic Review EL	The ability to critically think and reason has never been more important than in our information, media-saturated age. While knowledge is important, it changes at an everincreasing rate and we need the skills to evaluate new information and perceptions. This cross curricular class will use movies as the subject matter for our analysis and skill building both for their literary value and also incorporate critical thinking. The movies will be watched independently outside of class and should be available via library or rental. While written short answer will be required for each movie (to facilitate our time together), the bulk of class time will be discussion. We will be examining literary elements, context, world-view, as well as artistic qualities to study these classics of literature in picture form.* Prerequisites: None* This course includes an optional learning experience.*
Cinematic Review HS	The ability to critically think and reason has never been more important than in our information, media-saturated age. While knowledge is important, it changes at an everincreasing rate and we need the skills to evaluate new information and perceptions. This cross curricular class will use movies as the subject matter for our analysis and skill building both for their literary value and also incorporate critical thinking.* Prerequisites: None* This course includes an optional learning experience.*
Cinematic Review MS	The ability to critically think and reason has never been more important than in our information, media-saturated age. While knowledge is important, it changes at an everincreasing rate and we need the skills to evaluate new information and perceptions. This cross curricular class will use movies as the subject matter for our analysis and skill building both for their literary value and also incorporate critical thinking.* Prerequisites: None* This course includes an optional learning experience.*
Civics	This course deepens students' knowledge of national, state, and local government in America. Students review the philosophical foundations of democratic government in the United States. The structure and functions of national and state government under the American federal system are studied. Students strengthen their under- standing of the legal rights and accompanying responsibilities shared by all citizens of our constitutional democracy as they explore American political behavior. Through discussion and writing, students practice making reasoned decisions about matters of public policy.* Prerequisites: None
Civics (Hybrid)	This course deepens students' knowledge of national, state, and local government in America. Students review the philosophical foundations of democratic government in the United States. The structure and functions of national and state government under the American federal system are studied. Students strengthen their under- standing of the legal rights and accompanying responsibilities shared by all citizens of our constitutional democracy as they explore American political behavior. Through discussion and writing, students practice making reasoned decisions about matters of public policy. * Prerequisites: None
Civics CR	This course deepens students' knowledge of national, state, and local government in America. Students review the philosophical foundations of democratic government in the United States. The structure and functions of national and state government under the American federal system are studied. Students strengthen their under- standing of the legal rights and accompanying responsibilities shared by all citizens of our constitutional democracy as they explore American political behavior. Through discussion and writing, students practice making reasoned decisions about matters of public policy.* Prerequisites: None
Climate Tech & Human Interaction EL	Activities and experiences include the exploration of the structure of the atmosphere, weather and climate. Through a multidisciplinary approach, including technology and artistic expressions, students will focus on Fluid Earth Systems and Human Impact.* Prerequisites: None* This course includes an optional learning experience.*
Climate Tech & Human Interaction HS	Activities and experiences include the exploration of the structure of the atmosphere, weather and climate. Through a multidisciplinary approach, including technology and artistic expressions, students will focus on Fluid Earth Systems and Human Impact. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Climate Tech & Human Interaction MS	Activities and experiences include the exploration of the structure of the atmosphere, weather and climate. Through a multidisciplinary approach, including technology and artistic expressions, students will focus on Fluid Earth Systems and Human Impact. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Coding IA: Introduction MS	Do you find yourself wondering how your favorite apps, websites, and games were made? Maybe you want to try building your own. Well, now you can! In Middle School Coding I, you will learn all about the technology you use in your day-to-day life as well as explore how the internet functions. Get an introduction to the basics of computer science and discover how to create and build your very own website using HTML and CSS. You'll also become familiar with programming languages like JavaScript and Python Programming. You will leave the course with your very own portfolio of work that will showcase your skills and all that you've created.* Prerequisites: None
Coding IA: Introduction to Programming	Have you ever wanted to create your own web page or wondered how your favorite websites were built? Maybe you want to know more about how computers and technology are affecting the world around us. In Coding 1a: Introduction to Programming, you will explore the role technology plays in our lives as well as study the fundamentals of computer science, review hardware and software, and learn how the internet functions. You will also discover how to create and build your own website using HTML and CSS and learn basic and complex commands and sequences as you become familiar with programming languages like JavaScript and Python Programming. This course also covers data collection methods, access rights, protocols, and security. * Prerequisites: None
Coding IB: Learning Python and JavaScript MS	We don't always think about the role technology plays in our world but the truth is technology influences our everyday lives and affects how we relate to our friends, family, and even complete strangers. For those wanting to develop a greater understanding of this technology comes Middle School Coding II. Building on what you learned in Middle School Coding I, you'll expand your knowledge of programming languages and web development and further explore Advanced Python, HTML, and JavaScript. You will also learn the difference between web development and web application development and continue to grow your portfolio, which will serve to highlight everything you have learned and created in the course. * Prerequisites: Coding I: Introduction MS
Coding IB: Programming	Are you passionate about technology? Do you love learning how things work and are excited about the idea of further exploring the world of computer science? If you thrived in Coding I, now is your chance to build on that knowledge with Coding II. In this course, you will continue to cultivate an understanding of programming languages and expand on website development. You will learn the difference between web development and web application development as well as further explore Advanced Python, HTML, and JavaScript. You will also examine software engineering concepts, learn more about security, privacy, and ethics in technology, and explore the wide variety of careers in computing. * Prerequisites: Coding I: Introduction
College and Career Prep	The first semester of this online course based in Haiku will focus on Soft Skills, those skills that are so often not taught but as learned behaviors they become essential to success in high school, college and the workplace. These Soft Skills include such things as being prepared, being on Time, following through, communication skills, being responsible and study skills. The online course is designed much the same way as online college courses. There will be discussion boards used throughout, much like last semester and a focus on short argumentative essay writing utilizing prompts similar to ones used on the Compass college entrance exam. Students are expected to complete a short essay every other week and schedule individual conferences with the instructor monthly. There will also be four short quizzes during the semester. The last five weeks of the course will focus specifically on college level research writing and how to conduct proper academic research. * Prerequisites: Counselor Approval
College Readiness: Preparing for Your Future	Units of student center specifically on college readiness: 1. College Basics 2. Selecting a College 3. Exploring Career Paths 4. Preparing for College 5. College Admissions Exams 6. Financing College 7. The FAFSA 8. College Applications 9. Writing for College Applications 10. The Admissions Process 11. College Bound!
Color Theory EL	Through a multidisciplinary approach, students will learn about the color wheel and how to mix primary colors to create all the colors on the color wheel. They will learn about warm/cool colors.* Prerequisites: None* This course includes an optional learning experience.*
Color Theory HS	Through the use of technology and art exploration, students will be able to identify colors on the color wheel; primary, secondary, & tertiary colors; warm/cool colors; complementary colors; analogous colors; monochromatic, split complementary, double complementary and triad. Students will also be able to mix primary colors into the aforementioned categories. * Prerequisites: None * This course includes an optional learning experience. *
Color Theory MS	Through the use of technology and art exploration, students will be able to identify colors on the color wheel; primary, secondary, & tertiary colors; warm/cool colors; complementary colors; analogous colors; monochromatic, split complementary, double complementary and triad. Students will also be able to mix primary colors into the aforementioned categories. * Prerequisites: None * This course includes an optional learning experience. *
Communications EL	Through a multidisciplinary approach, elementary students will learn to communicate effectively with each other one-on-one, in a small group and large group settings.* Prerequisites: None* This course includes an optional learning experience.*
Communications HS	Through a multidisciplinary approach, students will be responsible for planning, organizing, writing, and presenting weekly presentation. Class time will be used for lecture and presentations. Topics explored will be the various principles, theories, techniques on: types of communication, definitions, listening, expression, body language, assessing voice, verbal and nonverbal clues, delivery and others. Communications will include every day speeches, famous speeches, arguments, interviewing, poetry, marketing, journalism, etiquette, and more. * Prerequisites: None * This course includes an optional learning experience. *
Communications MS	Through a multidisciplinary approach, students will be responsible for planning, organizing, writing, and presenting weekly presentation. Class time will be used for lecture and presentations. Topics explored will be the various principles, theories, techniques on: types of communication, definitions, listening, expression, body language, assessing voice, verbal and nonverbal clues, delivery and others. Communications will include every day speeches, famous speeches, arguments, interviewing, poetry, marketing, journalism, etiquette, and more. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Computer Basics	In this course you will learn how to use productivity and collaboration tools, such as G Suite by Google Cloud to create word processing documents, spreadsheets, surveys and forms such as personal budgets and invitations.* Prerequisites: None
Computer Program Projects EL	Through a cross curricular approach students will learn important computer programming/coding concepts through educational and creative play. Students will learn basic coding terminology. Problem solving skills and the development of team building will be used to work together in creative ways.* Prerequisites: None* This course includes an optional learning experience.*
Computer Program Projects HS	Through a cross curricular approach students will learn important computer programming/coding concepts through educational and creative play. Students will learn basic coding terminology. Problem solving skills and the development of team building will be used to work together in creative ways. * Prerequisites: None * This course includes an optional learning experience. *
Computer Program Projects MS	Through a cross curricular approach students will learn important computer programming/coding concepts through educational and creative play. Students will learn basic coding terminology. Problem solving skills and the development of team building will be used to work together in creative ways. * Prerequisites: None * This course includes an optional learning experience. *
Computer Tech Music Projects EL	This multidisciplinary class will focus on exploring sound and music. What role does it play in our lives? How can computer music record, simulate, and enhance traditional music, and what are key elements of computer music?* Prerequisites: None* This course includes an optional learning experience.*
Computer Tech Music Projects HS	This multidisciplinary class will focus on exploring sound and music. What role does it play in our lives? How can computer music record, simulate, and enhance traditional music, and what are key elements of computer music? How does a composer of musical accompaniment align musical cues to narrative goals? Describe the present and projected state of the computer music industry with a focus on opportunities as a career composer and as hobbies. * Prerequisites: None * This course includes an optional learning experience. *
Computer Tech Music Projects MS	This multidisciplinary class will focus on exploring sound and music. What role does it play in our lives? How can computer music record, simulate, and enhance traditional music, and what are key elements of computer music? How does a composer of musical accompaniment align musical cues to narrative goals? Describe the present and projected state of the computer music industry with a focus on opportunities as a career composer and as hobbies. * Prerequisites: None * This course includes an optional learning experience. *
Computer Tech Projects EL	This multidisciplinary class offers several pathways for students in learning about computers and how they can use them as tools for many applications. Students may have an opportunity to learn how to use computer applications such as spreadsheets, word documents, website design editing videos, and more. Or perhaps learn how to program a computer using one of the many programming languages in the world, either to solve math and science problems or to create interactive apps, games, and experiences.* Prerequisites: None* This course includes an optional learning experience.*
Computer Tech Projects HS	This multidisciplinary class offers several pathways for students in learning about computers and how they can use them as tools for many applications. Students may have an opportunity to learn how to use computer applications such as spreadsheets, word documents, website design editing videos, and more. Or perhaps learn how to program a computer using one of the many programming languages in the world, either to solve math and science problems or to create interactive apps, games, and experiences. * Prerequisites: None * This course includes an optional learning experience. *
Computer Tech Projects MS	This multidisciplinary class offers several pathways for students in learning about computers and how they can use them as tools for many applications. Students may have an opportunity to learn how to use computer applications such as spreadsheets, word documents, website design editing videos, and more. Or perhaps learn how to program a computer using one of the many programming languages in the world, either to solve math and science problems or to create interactive apps, games, and experiences. * Prerequisites: None * This course includes an optional learning experience. *
Concepts of Engineering & Technology	What if you could do the impossible? Engineers understand a lot of things, but the word impossible definitely isn't one of them. Through Concepts of Engineering and Technology, you'll learn how the momentum of science is continually propelling engineers in new directions towards a future full of insight and opportunity. This course explores the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. This ever-increasing knowledge can also lead to serious ethical dilemmas and the need to discuss where the boundaries of science lie (or even if there should be boundaries). By examining astounding engineering feats and complex ongoing issues, you, too, will begin to question whether the word impossible exists.* Prerequisites: None
Consumer Math	Students focus on math skills and problem-solving strategies that are relevant to practical financial applications. Topics include planning and managing a budget, avoiding common financial pitfalls, and posing questions to businesses and companies. Students also learn to examine their own spending behavior and evaluate purchasing decisions. * Prerequisites: Pre-Algebra
Cosmetology 3A: Introduction to Hair Skills	Cosmetology is a specialized field with a high skill set. Examine the complexities of cosmetology by learning to perform a hair, scalp, and skin analysis. You'll learn about hair types, face shapes, and color theory. And, to effectively prepare you for a career in cosmetology, color techniques with an emphasis on salon and chemical safety is examined. * Prerequisites: Cosmetology 1 and 2
Cosmetology 3B: Waving, Coloring, and Advancing Hair Skills	Let's delve into the realm of hairstyling and cutting techniques! Explore a variety of wigs, extensions, and hairpieces, while also developing knowledge about shampooing and conditioning. Discover manual curling and the use of chemicals to curl and straighten hair, as well as safety when working with chemicals. Expect to be well versed with a plethora of hair skills upon completion. * Prerequisites: Cosmetology 1 and 2

Course Name	Course Description
Cosmetology I: Cutting Edge Styles	We all want to look our best, but did you know there is actually a science behind cutting your hair and painting your nails? In Cosmetology: Cutting-Edge Styles, you will learn all about this entertaining field and how specialized equipment and technology are propelling our grooming into the next century. Just like all careers, cosmetology requires certain skills and characteristics, which are thoroughly explored in this course. Learn about beauty regimes related to hair, nails, skin, and spa treatments, and discover how to create your own business model quickly and efficiently while looking fabulous!* Prerequisites: None
Cosmetology II: The Business of Skin and Nail Care	Helping people put their best face forward is a growing, vibrant industry which needs skilled and personable professionals well-versed in the latest trends and technological advances. In Cosmetology 2: The Business of Skin and Nails, experience what the day-to-day life of a cosmetologist is like. You will discover that cosmetology is much more than knowing and applying techniques. Additionally, you will explore skin care and facials, learn how to give manicures and pedicures and how to apply artificial nails, and gain an understanding of different hair removal techniques. Discover the next steps towards launching a rewarding and creative career in cosmetology. * Prerequisites: Cosmetology 1
Crafts EL	Through a multidisciplinary approach, students will explore a variety of crafting opportunities which may include paper craft, yarn craft, sewing craft, and many other opportunities for expression.* Prerequisites: None* This course includes an optional learning experience.*
Crafts HS	Through a multidisciplinary approach, students will explore a variety of crafting opportunities which may include paper craft, yarn craft, sewing craft, and many other opportunities for expression.* Prerequisites: None* This course includes an optional learning experience.*
Crafts MS	Through a multidisciplinary approach, students will explore a variety of crafting opportunities which may include paper craft, yarn craft, sewing craft, and many other opportunities for expression.* Prerequisites: None* This course includes an optional learning experience.*
Creative Writing Projects EL	This multidisciplinary project based course gives younger students an avenue to apply creative thinking, technology and writing skills. Students will be able to choose a pathway for creative expression including but not limited to: blogging, short stories, website creation, poetry, and marketing.* Prerequisites: None* This course includes an optional learning experience.*
Creative Writing Projects HS	This multidisciplinary project based course give students an avenue to apply creative thinking, technology and writing skills. Students will be able to choose a pathway for creative expression including but not limited to: blogging, short stories, website creation, poetry, and marketing. * Prerequisites: None * This course includes an optional learning experience. *
Creative Writing Projects MS	This multidisciplinary project based course give students an avenue to apply creative thinking, technology and writing skills. Students will be able to choose a pathway for creative expression including but not limited to: blogging, short stories, website creation, poetry, and marketing. * Prerequisites: None * This course includes an optional learning experience. *
Creative Writing: Unleashing the Core of Your Imagination	For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to understand ourselves and our world a little bit better. This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange, hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing.* Prerequisites: None
Criminology: Inside the Criminal Mind	Understanding the criminal mind is not easy. Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. In Criminology: Inside the Criminal Mind, you will be given the rare opportunity to climb inside the mind of a criminal and examine the ideas and motivations at work. The mental state of a criminal can be affected by many different aspects of life—psychological, biological, sociological—all of which have differing perspectives and influences. You will investigate not only how these variables affect the criminal mind but also how the criminal justice system remains committed to upholding the law through diligence and an uncompromising process.* Prerequisites: None
Critical Thinking Projects EL	Through a multidisciplinary approach, students will explore why critical thinking is important and how does critical thinking differ from simple thinking. We will ask questions such as: What are strategies I can employ while solving logic problems and puzzles? How can I solve them while working with others on concepts involving common logical errors when one is making a written or spoken argument. Further, students will explore where critical thinking shows its greatest need in and out of school: academically, athletically, and socially.* Prerequisites: None* This course includes an optional learning experience.*
Critical Thinking Projects HS	Through a multidisciplinary approach, students will explore why critical thinking is important and how does critical thinking differ from simple thinking. We will ask questions such as: What are strategies I can employ while solving logic problems and puzzles? How can I solve them while working with others on concepts involving common logical errors when one is making a written or spoken argument. Further, students will explore where critical thinking shows its greatest need in and out of school: academically, athletically, and socially.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Critical Thinking Projects MS	Through a multidisciplinary approach, students will explore why critical thinking is important and how does critical thinking differ from simple thinking. We will ask questions such as: What are strategies I can employ while solving logic problems and puzzles? How can I solve them while working with others on concepts involving common logical errors when one is making a written or spoken argument. Further, students will explore where critical thinking shows its greatest need in and out of school: academically, athletically, and socially. * Prerequisites: None * This course includes an optional learning experience. *
Critical Thinking, Problem Solving, and Learning Strategies MS	Gain strategies to find important information quickly, transfer it to long-term memory, and perform better on assignments and tests. You will learn to become a more efficient learner, find balance, and prioritize goals. * Prerequisites: None
Culinary Arts IA: Introduction	Food, glorious food! It both nourishes and satisfies us, and it brings people together through preparation, enjoyment, and celebration. If you've ever wanted to learn more about cuisine and how your creativity and appreciation can be expressed by preparing food, Introduction to Culinary Arts is perfect for you. Learn the fundamentals of a working kitchen, and explore what it takes to develop real talent as a chef. Enhance your knowledge of the endless varieties of food, and discover the possibilities that the many spices can bring. Learning more about food preparation will certainly make everything you prepare taste better while giving you the ability to bring people together through the joy of eating.* Prerequisites: None
Culinary Arts IB: Finding Your Palate	Did you know that baking is considered a science? Building on the prior prerequisite course, discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. The last unit in this course explores careers in the culinary arts for ways to channel your newfound passion! * Prerequisites: None
Culinary Arts II: Baking, Pastry, and More!	Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, Culinary Arts 2: Baking, Pastry, and More! will help you build a strong foundation and grow your knowledge of this exciting industry. In this course, you will explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. You will also enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company. Discover the delights that await you on this delicious culinary adventure! * Prerequisites: Culinary Arts: Introduction
Culinary Expressions EL	Cooking is an art and an experience. Food can be seen as sustenance for your existence or the thing that binds your family together as you sit for a meal every Sunday night. Whether you love new culinary experiences or not, learning to cook is one of the fundamental skills students should have as they move forward into adulthood. Our Cross curricular culinary expressions class is developed to serve both beginners and novices in the kitchen. Each week offers core culinary concepts and a hands on experiences directly in the kitchen. Students will increase knowledge and skill in a diverse set of culinary practices through the use of technology, psychological studies and art! "Learn how to cook--try new recipes, learn from your mistakes, be fearless and have fun." - Julia Child* Prerequisites: None* This course includes an optional learning experience.*
Culinary Expressions HS	Cooking is an art and an experience. Food can be seen as sustenance for your existence or the thing that binds your family together as you sit for a meal every Sunday night. Whether you love new culinary experiences or not, learning to cook is one of the fundamental skills students should have as they move forward into adulthood. Our Cross curricular culinary expressions class is developed to serve both beginners and novices in the kitchen. Each week offers core culinary concepts and hands on experiences directly in the kitchen. Students will increase knowledge and skill in a diverse set of culinary practices through the use of technology, psychological studies and art! 'Learn how to cook--try new recipes, learn from your mistakes, be fearless and have fun. -Julia Child* Prerequisites: None* This course includes an optional learning experience.*
Culinary Expressions MS	Cooking is an art and an experience. Food can be seen as sustenance for your existence or the thing that binds your family together as you sit for a meal every Sunday night. Whether you love new culinary experiences or not, learning to cook is one of the fundamental skills students should have as they move forward into adulthood. Our Cross curricular culinary expressions class is developed to serve both beginners and novices in the kitchen. Each week offers core culinary concepts and hands on experiences directly in the kitchen. Students will increase knowledge and skill in a diverse set of culinary practices through the use of technology, psychological studies and art! 'Learn how to cook--try new recipes, learn from your mistakes, be fearless and have fun - Julia Child* Prerequisites: None* This course includes an optional learning experience.*
Currency EL	Understanding and handling money properly is very important! So, through a multidisciplinary project based class, plan to have some fun with money skills! Identify, count, compare and use money while you learn why having coins of different values makes good sense.* Prerequisites: None* This course includes an optional learning experience.*
Currency HS	Understanding and handling money properly is very important! So, through a multidisciplinary project based class, plan to have some fun with money skills! Identify, count, compare and use money while you learn why having coins of different values makes good sense. The activities you do will include problem solving, estimating costs and making change while you do real life tasks. * Prerequisites: None* This course includes an optional learning experience.*
Currency MS	Understanding and handling money properly is very important! So, through a multidisciplinary project based class, plan to have some fun with money skills! Identify, count, compare and use money while you learn why having coins of different values makes good sense. The activities you do will include problem solving, estimating costs and making change while you do real life tasks. * Prerequisites: None* This course includes an optional learning experience.*
Cursive Handwriting	Cursive Handwriting gives student the opportunity to learn the art of cursive handwriting. This courses uses videos and written lessons to demonstrate and explain how each letter is written. Students practice their cursive writing using engaging activity pages.* Prerequisites: None

Course Name	Course Description
Cybersecurity IA: Foundations	Ever wonder what it's like to be a hacker? Or think about who is trying to steal your passwords while you're shopping online using the free Wi-Fi at your local coffee shop? Can someone be watching your personal, private information? Can anything be kept "secret" online? We depend more and more on the technologies we interact with every day. This creates the need for increased system and network security measures. And, it means we all need to know more about how to protect valuable and vulnerable information. This course introduces you to the tools, technologies, and methods needed to protect online information and addresses how these issues are impacting safety and rights on a global and personal level. Learn what exciting career possibilities await you in the new and high-demand field of cybersecurity.* Prerequisites: None
Cybersecurity IB: Defense Against Threats	Unmask the cybersecurity threats around you by understanding hackers and identifying weaknesses in your online behavior. Learn to avoid the various types of cyber attacks, including those to your social media accounts, and to predict the potential legal consequences of sharing or accessing information that you do not have rights to. Dig into these crimes in depth by taking a look at cyber forensics and other cybersecurity careers. In a world where such threats have no boundaries, cybersecurity will undoubtedly play an increasingly larger role in our personal and professional lives in the years to come.* Prerequisites: Cybersecurity I: Foundations
Dance Ballet EL	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Ballet HS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Ballet MS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Classical EL	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Classical HS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Classical MS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance EL	We have a wide variety of cross curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, tap and Irish Dance. These classes are available at a variety of locations and times. These classes pursue a cross curricular training through the use of art, music and technology to study the human form in dance and investigate performers and performances. Irish Dance will also explore the history, geography and art of Ireland. * Prerequisites: None * This course includes an optional learning experience. *
Dance Explorations EL	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Explorations HS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Explorations MS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Hip Hop EL	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Dance Hip Hop HS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Hip Hop MS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance HS	We have a wide variety of cross curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, tap and Irish Dance. These classes are available at a variety of locations and times. These classes pursue a cross curricular training through the use of art, music and technology to study the human form in dance and investigate performers and performances. Irish Dance will also explore the history, geography and art of Ireland. * Prerequisites: None * This course includes an optional learning experience.

Course Name	Course Description
Dance Modern EL	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Modern HS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Modern MS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance MS	We have a wide variety of cross curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, tap and Irish Dance. These classes are available at a variety of locations and times. These classes pursue a cross curricular training through the use of art, music and technology to study the human form in dance and investigate performers and performances. Irish Dance will also explore the history, geography and art of Ireland. * Prerequisites: None * This course includes an optional learning experience.
Dance Tap EL	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None* This course includes an optional learning experience.*
Dance Tap HS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None * This course includes an optional learning experience. *
Dance Tap MS	We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body. * Prerequisites: None * This course includes an optional learning experience. *
Debate EL	Through a multidisciplinary approach, students will explore ways to add various communication styles to speeches. Further, students will explore the psychology of fear versus confidence when speaking and debating in a public setting. Students will learn rehearsal techniques and overcoming obstacles. * Prerequisites: None * This course includes an optional learning experience. *
Debate HS	Through a multidisciplinary approach, students will explore ways to add various communication styles to speeches. Further, students will explore the psychology of fear versus confidence when speaking and debating in a public setting. Students will learn rehearsal techniques and overcoming obstacles. * Prerequisites: None * This course includes an optional learning experience. *
Debate MS	Through a multidisciplinary approach, students will explore ways to add various communication styles to speeches. Further, students will explore the psychology of fear versus confidence when speaking and debating in a public setting. Students will learn rehearsal techniques and overcoming obstacles. * Prerequisites: None * This course includes an optional learning experience. *
Design EL	Through a multidisciplinary approach, via an introductory course, students are offered the opportunity to explore various visual art forms and techniques through the exploring elements and principles of art, technology and design.* Prerequisites: None* This course includes an optional learning experience.*
Design HS	Through a multidisciplinary approach, via an introductory course, students are offered the opportunity to explore various visual art forms and techniques through the exploring elements and principles of art, technology and design. Students will be introduced to a variety of media through two-dimensional and three-dimensional approaches to creating and responding to visual arts. * Prerequisites: None * This course includes an optional learning experience. *
Design MS	Through a multidisciplinary approach, via an introductory course, students are offered the opportunity to explore various visual art forms and techniques through the exploring elements and principles of art, technology and design. Students will be introduced to a variety of media through two-dimensional and three-dimensional approaches to creating and responding to visual arts. * Prerequisites: None * This course includes an optional learning experience. *
Digital Art and Design MS	There are so many different types of art in this world—fine art, classical art, visual art—but the impact of digital art and design is all around us, often in ways that you probably aren't even aware of! After taking Digital Art and Design, you'll enjoy a deeper understanding and appreciation for all things digital as you explore this special genre of art found in everything from advertising to animation to photography and beyond. In this course, you'll learn about the evolution of art, the basic principles of art and design, and the role of art in politics and society. Additionally, you will actually create your own digital art and make it come alive. Give your creative side a boost with this Digital Art and Design course!* Prerequisites: None

Course Name	Course Description
Digital Creations I - Photography I	The course is a visually oriented history of the development of photography, as well as, an exploration of the fundamental principles, techniques and application of camera-based image and printmaking. Technical skills for digital photography are covered including refinement of exposure, post-image capture processing, and digital manipulation using Adobe Creative Suite. One semester, 1/2 credit. * Prerequisites: None
Digital Creations II - Photography II	This course extends the students' knowledge of technique and guides them in developing personal outlooks toward specific applications of the photographic process. Reinforces the principles of photography and fundamental camera techniques. Provides weekly class critiques of students' work. Centers on specific problems found in critiques. Includes working procedures and develops skills for the purpose of visual communications. One semester, 1/2 credit. * Prerequisites: Digital Creations I - Photography I
Digital Media Fundamentals IA: Introduction	Discover your talent for building digital media applications using text, graphics, animations, sounds, videos, and more! Learn about the elements that make impressive media, such as typography, color theory, design, and manipulation. Explore careers to apply your digital media skills and find your place in this fast-paced and exciting field! * Prerequisites: None
Digital Media Fundamentals IB: Producing for the Web	Building on the prior prerequisite course, polish your digital media skills and learn all about web design. Incorporate your ideas into websites and dabble in the basics of marketing to understand how your work is used. Finally, explore the world of podcasts and audio editing to construct a solid foundation from which you can pursue a career! * Prerequisites: Digital Media Fundamentals IA
Digital Movie EL	Through a multidisciplinary approach, students will create all the artistic elements for movies they create including characters, costumes and sets. They handle all of the movie's technical details including using a digital movie camera, digital editing and special effects. Students will learn about marketing concepts and artistic expression.* Prerequisites: None* This course includes an optional learning experience.*
Digital Movie HS	Through a multidisciplinary approach, students will create all the artistic elements for movies they create including characters, costumes and sets. They handle all of the movie's technical details including using a digital movie camera, digital editing and special effects. Students will learn about marketing concepts and artistic expression. * Prerequisites: None* This course includes an optional learning experience.*
Digital Movie MS	Through a multidisciplinary approach, students will create all the artistic elements for movies they create including characters, costumes and sets. They handle all of the movie's technical details including using a digital movie camera, digital editing and special effects. Students will learn about marketing concepts and artistic expression. * Prerequisites: None* This course includes an optional learning experience.*
Digital Photography IA: Introduction	Have you ever wondered how professional photographers manage to take such sensational pictures? How are they able to find just the right way to capture an image or moment in time? Perhaps you've even wondered why your own pictures don't meet that standard. Digital Photography I: Introduction will answer these questions and help you understand more about the basics of photography. Learning about aperture, shutter speed, lighting, and composition is key for any serious photographer and will help you gain the confidence and knowledge you need to become one. You will not only follow photography through its history but also gain a basic understanding of camera functions, techniques and what it takes to shoot quality portraits, close-ups, action shots, and landscapes.* Prerequisites: None
Digital Photography IB: Creating Images with Impact!	Building on the prior prerequisite course, further develop your photography skills by learning more professional tips, tricks, and techniques to elevate your images. Explore various photographic styles, themes, genres, and artistic approaches. Learn more about photojournalism and how to bring you photos to life. Using this knowledge, build a portfolio of your work to pursue a career in this field! * Prerequisites: Digital Photography Ia: Introduction
Digital Photography II: Discovering Your Creative Potential	In today's world, we are surrounded by images. We are continually seeing photographs as they appear in advertisements, on websites, in magazines, and on billboards; they even adorn our walls at home. While many of these images have been created by professional photographers, it is possible for your photos to take on a more professional look after you discover how to increase your creative potential. In Digital Photography 2: Discovering Your Creative Potential, you will examine various aspects of the field including specialty areas, ethics, and famous photographers throughout history. You will also learn how to effectively critique photographs so you can better understand composition and go on to create more eye-catching photographs on your own.* Prerequisites: Digital Photography I
Discover Spanish EL - Part I	This course is designed for students seeking a mastery of Spanish as a second language. The course is taught by the Discover Method, making it the right choice for students of any native tongue having little or no Spanish background. Discover Spanish incorporates the syntax, vocabulary and pronunciation needed to comprehend Spanish in an everyday environment. This course is ideal for students learning Spanish for the first time, or for a student needing extra practice and help improving their understanding of the Spanish language. Discover Spanish can be used in a stand-alone environment or to supplement teacher instruction in the classroom in a blended learning environment. * Prerequisites: None
Drawing EL	Drawing and Composition is an introduction to fundamental techniques and concepts of representational and expressive drawing within a variety of media. Students will participate in a project based multidisciplinary course using many content areas to explore as artistic objects.* Prerequisites: None* This course includes an optional learning experience.*
Drawing HS	Drawing and Composition is an introduction to fundamental techniques and concepts of representational and expressive drawing within a variety of media. Students will participate in a project based multidisciplinary course using many content areas to explore as artistic objects. * Prerequisites: None * This course includes an optional learning experience. *
Drawing MS	Drawing and Composition is an introduction to fundamental techniques and concepts of representational and expressive drawing within a variety of media. Students will participate in a project based multidisciplinary course using many content areas to explore as artistic objects. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Drones Remote Pilot	This course prepares students to take the Federal Aviation Administration Part 107 exam, which is essential to becoming a commercial drone pilot. The field of unmanned aerial vehicles is growing rapidly, as the opportunities to use them for search and rescue, photography, recreation, inspection, and many others continue to multiply. Students will learn the critical facts to prepare for the test; topics, which include: regulations, airspace, requirements, weather, loading & performance, and operations. The course will conclude with a look at the most promising careers in the field of drones.* Prerequisites: None
Early Childhood Education IA: Introduction	As children, we see the world differently than we do as teenagers and adults. It is a world full of magical creatures and strange, exciting things. But what makes childhood such a wondrous time of learning and exploration? What can caregivers do to encourage this? In Early Childhood Education, you will learn more about understanding the childhood experience. Learn how to create interesting lessons and stimulating learning environments that provide a safe and encouraging experience for children. Discover how to get children excited about learning and, just as importantly, to feel confident about their abilities. Early childhood teachers have the unique opportunity to help build a strong base for their young students' life-long education.* Prerequisites: None
Early Childhood Education IB: Developing Early Learners	What makes childhood such a wondrous time of learning and exploration? What can caregivers do to encourage this? In Early Childhood Education I: Developing Early Learners, you will learn more about the childhood experience and how to create fun, stimulating, and educational environments for children. Discover how to get children excited about learning and, just as importantly, to feel confident about their abilities. Learn to effectively communicate with children, how to create good behavior, and how to discipline youth of different ages. You will also learn how to encourage language development in young children and how to create a literacy-rich environment. Finally, build an educational plan that will help you meet your career goals and explore professional development opportunities that will assist you on your path.* Prerequisites: Early Childhood Education I: Introduction
Economics	This course provides an introduction to macroeconomics and microeconomics and covers such basics as supply and demand, labor issues, financial markets, taxes, and international trade. Students also examine how capitalism and the global economy work.* Prerequisites: None
Economics (Hybrid)	This course provides an introduction to macroeconomics and microeconomics and covers such basics as supply and demand, labor issues, financial markets, taxes, and international trade. Students also examine how capitalism and the global economy work.* Prerequisites: None
Economics CR	This course provides an introduction to macroeconomics and microeconomics and covers such basics as supply and demand, labor issues, financial markets, taxes, and international trade. Students also examine how capitalism and the global economy work.* Prerequisites: None
EL Integrated Lang Arts I	Students will love learning and growing by being read to each week. As we study each book, we will integrate other subject areas so that students can make hands-on connections through their studies. We will focus on: increasing vocabulary, making predictions, encouraging questions, studying poetry, handwriting skills, phonics, practicing list-making skills, and learning many different literary devices to support each student's understanding of reading and writing. * Only for DK and K Premium Electives. * Prerequisites: None * This course includes an optional learning experience. *
EL Integrated Math I	Students will learn practical ways to use new concepts related to math reasoning. We will focus on counting, ordinal numbers, relative size, measurement, time, money, geometric shapes, patterns, and more. Students will engage in different hands-on math games and activities to increase their understanding of the different math skills being taught. Our math lessons will be meaningful and have connections to the literature study. *Only for DK and K Premium Electives. * This course includes an optional learning experience. *
EL Integrated Science I	The McRuffy Science series teaches life science, earth science, physical science, and scientific inquiry in an engaging approach that is very activity oriented. Students think and learn like a scientist through the many hands-on activities and demonstrations. Students experience science and learn to be a scientist. The kindergarten level is not dependent on reading skills. *Only for DK and K Premium Electives. * Prerequisites: None * This course includes an optional learning experience. *
EL Integrated Social Studies I	Students will explore topics that include their community, traditions and life present and past. * Only for DK and K Premium Electives. * Prerequisites: None * This course includes an optional learning experience. *
Electricity EL	Through a multidisciplinary approach, students will explore the world of electricity. Students will learn, using a hands-on approach, about the basic technology principles of electricity, magnetism, circuits, and batteries. This class includes weekly online assignments and a activities and projects. The final project includes building a circuit through a collaborative tech project and presentation using Google Slides and FlipGrid.* Prerequisites: None* This course includes an optional learning experience.*
Electricity HS	Through a multidisciplinary approach, students will explore the world of electricity. Students will learn, using a hands-on approach, about the basic technology principles of electricity, magnetism, circuits, and batteries. This class includes weekly online assignments and a activities and projects. The final project includes building a circuit through a collaborative tech project and presentation using Google Slides and FlipGrid. * Prerequisites: None * This course includes an optional learning experience. *
Electricity MS	Through a multidisciplinary approach, students will explore the world of electricity. Students will learn, using a hands-on approach, about the basic technology principles of electricity, magnetism, circuits, and batteries. This class includes weekly online assignments and a activities and projects. The final project includes building a circuit through a collaborative tech project and presentation using Google Slides and FlipGrid. * Prerequisites: None * This course includes an optional learning experience. *
Elementary Chinese I	Students learn Mandarin Chinese through conversations with a native speaker. Cultural explorations lead students to make connections between their culture and that of people in the Mandarin-speaking world. These introductory courses use many interactive components to engage students with the Chinese language and culture.* Prerequisites: None
Elementary Chinese II	Students learn Mandarin Chinese through conversations with a native speaker. Cultural explorations lead students to make connections between their culture and that of people in the Mandarin-speaking world. These introductory courses use many interactive components to engage students with the Chinese language and culture. * Prerequisites: Elementary Chinese I

Course Name	Course Description
Elementary French I	Elementary courses build a language foundation for elementary students with an introduction to basic expressions, words and phrases. Courses build awareness and appreciation for languages and cultures. Students' primary focus is on listening and speaking, with exposure to reading and writing accompanied by opportunities to practice in familiar settings.* Prerequisites: None
Elementary French II	Elementary courses build a language foundation for elementary students with an introduction to basic expressions, words and phrases. Courses build awareness and appreciation for languages and cultures. Students' primary focus is on listening and speaking, with exposure to reading and writing accompanied by opportunities to practice in familiar settings. * Prerequisites: EL French I
Elementary German I	Elementary courses build a language foundation for elementary students with an introduction to basic expressions, words and phrases. Courses build awareness and appreciation for languages and cultures. Students' primary focus is on listening and speaking, with exposure to reading and writing accompanied by opportunities to practice in familiar settings.* Prerequisites: None
Elementary German II	The German Elementary 2 course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters. The content for each week is based on an immersive story which runs throughout the course with weekly episodes beginning in English and each day weaving in more German. Although the course focuses principally on vocabulary acquisition, basic grammar principles are intuitively grasped through the story, games, activities, and assessments. Culture lessons are presented through multi-media CultureGram lessons covering cultural aspects of major German-speaking areas in Europe.* Prerequisites: None
Elementary Physical Education 1	Each week, students learn new games and activities that are grouped into thematic units including Making Healthy Choices and Games Around the World. In addition to completing the activities described in the lessons, students have the option of participating in yoga or an individual or a team sport.* Prerequisites: None
Elementary Physical Education 2	Each week, students learn a new game or activity based on thematic units including games they can make and games from around the world. In addition to doing the activities described in the lessons, students have the option of participating in yoga or an individual or a team sport.* Prerequisites: None
Elementary Physical Education 3	By third grade, students are expected to understand and demonstrate clearly defined combinations of movements, and they learn one or more new activities each week. Students learn the importance of nutrition as it relates to health and physical fitness. They also have the option of participating in yoga or an individual or a team sport.* Prerequisites: None
Elementary Physical Education 4	By fourth grade, students have improved hand' coordination, and they understand rules and the importance of following them. This prepares them for more advanced instruction in both individual and partner activities. Students learn the importance of nutrition and exercise as they relate to health and physical fitness. They also have the option of participating in yoga or an individual or a team sport.* Prerequisites: None
Elementary Physical Education 5	By fifth grade, students understand the concepts of fair play and playing by the rules. Respecting themselves and others is emphasized during cooperative physical education activities. Students learn the importance of nutrition and exercise as they relate to health and physical fitness. They also have the option of participating in yoga or an individual or a team sport.* Prerequisites: None
Elementary Physical Education K	In kindergarten, physical education encourages students to develop their fine motor skills, movement, and confidence to enjoy healthy physical activity regularly. A combination of interactive and hands-on activities teaches students essential skills. Students learn how to respect themselves and others while playing.* Prerequisites: None
Elementary Projects EL	Elementary students will love learning and growing through a multidisciplinary approach to literature, technology and art exploration. As we study each book we will integrate other subject areas so that students can make connections through their studies. Students will enjoy many hands on projects to support what they have learned.* Prerequisites: None* This course includes an optional learning experience.*
Elementary Skills Projects EL	In this multidisciplinary class, students will have fun with exploring and wonder! Students will apply what they have learned through activities including poetry, story time, art, and beginning technology skills. Students will use various online websites to explore new concepts: Raz Kids, Brain Pop, PBS Kids, Kahn Academy, Coding sites, and much more!* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Elementary Spanish I	These highly interactive courses enable students to communicate with a native speaker and make connections between their culture and the culture of people in the Spanishspeaking world. Students further develop their Spanish communication skills as they study familiar topics such as school, clothes, and community.* Prerequisites: None
Elementary Spanish II	These highly interactive courses enable students to communicate with a native speaker and make connections between their culture and the culture of people in the Spanishspeaking world. Students further develop their Spanish communication skills as they study familiar topics such as school, clothes, and community. * Prerequisites: Elementary Spanish I
Engineering Tech Principles EL	Through a multidisciplinary approach, students will explore engineering principles in a variety of applications. Students will discover the engineering process and have opportunities to test their solutions and explore simple machines. Students will be encouraged to study many different types of engineering principles and creations. Engineering principles can be seen in everything from machines to art!* Prerequisites: None* This course includes an optional learning experience.*
Engineering Tech Principles HS	Through a multidisciplinary approach, students will explore engineering principles in a variety of applications. Students will discover the engineering process and have opportunities to test. * Prerequisites: None* This course includes an optional learning experience.*
Engineering Tech Principles MS	Through a multidisciplinary approach, students will explore engineering principles in a variety of applications. Students will discover the engineering process and have opportunities to test. * Prerequisites: None* This course includes an optional learning experience.*
Engineering Tech Project Design EL	In this multi-disciplinary class, students will learn engineering principles and apply them to a variety of projects to test their theories and help them gain understanding of the concepts. Some of the principles may include the engineering and physics principles that are applied to bridge, dam, road, and general construction, or in designing and launching a variety of Rockets. Concepts will be demonstrated through classroom lecture, activities and projects. Data will be taken and analyzed.* Prerequisites: None* This course includes an optional learning experience.*
Engineering Tech Project Design HS	In this multi-disciplinary class, students will learn engineering principles and apply them to a variety of projects to test their theories and help them gain understanding of the concepts. Some of the principles may include the engineering and physics principles that are applied to bridge, dam, road, and general construction, or in designing and launching a variety of Rockets. Concepts will be demonstrated through classroom lecture, activities and projects. Data will be taken and analyzed.* Prerequisites: None* This course includes an optional learning experience.*
Engineering Tech Project MS	In this multi-disciplinary class, students will learn engineering principles and apply them to a variety of projects to test their theories and help them gain understanding of the concepts. Some of the principles may include the engineering and physics principles that are applied to bridge, dam, road, and general construction, or in designing and launching a variety of Rockets. Concepts will be demonstrated through classroom lecture, activities and projects. Data will be taken and analyzed.* Prerequisites: None* This course includes an optional learning experience.*
Engineering Tech Project. EL	In this multi-disciplinary class, students will learn engineering principles and apply them to a variety of projects to test their theories and help them gain understanding of the concepts. Some of the principles may include the engineering and physics principles that are applied to bridge, dam, road, and general construction, or in designing and launching a variety of Rockets. Concepts will be demonstrated through classroom lecture, activities and projects. Data will be taken and analyzed.* Prerequisites: None* This course includes an optional learning experience.*
English 10	American Literature is a literature and composition course offering organized as a survey of American literature. The course builds literary and communication skills, including reading, writing, language appreciation and aesthetics, listening and speaking, viewing and representing, and research. Within these general topic areas, special emphasis is placed on writing expository, research, and creative compositions; honing critical and analytic skills through close readings of literary, historical, expository, and functional documents; using context strategies and an understanding of etymology to build vocabulary, and practicing communication skills.* Prerequisites: Language Arts 9 or English 9
English 10 CR	American Literature is a literature and composition course offering organized as a survey of American literature. The course builds literary and communication skills, including reading, writing, language appreciation and aesthetics, listening and speaking, viewing and representing, and research. Within these general topic areas, special emphasis is placed on writing expository, research, and creative compositions; honing critical and analytic skills through close readings of literary, historical, expository, and functional documents; using context strategies and an understanding of etymology to build vocabulary, and practicing communication skills. * Prerequisites: Language Arts 9
English 11	British and World Literature is a streamlined survey of British literature that illustrates the origins of English-language literature and reflects its reach beyond the British Isles. The course is standards-based. Each activity correlates to state standards in six core areas: reading, writing, language (appreciation and aesthetics), listening and speaking, viewing and representing (including media literacy), and research. The course gives students meaningful practice in fundamental literacy skills while introducing them to classics of British and world literature. Throughout the course, students are encouraged to think and respond independently, critically, and creatively to the subject matter, whether it's a work of literature, a piece of nonfiction writing, or a media work. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills.* Prerequisites: Language Arts 10

Course Name	Course Description
English 11 CR	British and World Literature is a streamlined survey of British literature that illustrates the origins of English-language literature and reflects its reach beyond the British Isles. The course is standards-based. Each activity correlates to state standards in six core areas: reading, writing, language (appreciation and aesthetics), listening and speaking, viewing and representing (including media literacy), and research. The course gives students meaningful practice in fundamental literacy skills while introducing them to classics of British and world literature. Throughout the course, students are encouraged to think and respond independently, critically, and creatively to the subject matter, whether it's a work of literature, a piece of nonfiction writing, or a media work. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills. * Prerequisites: Language Arts 10
English 12	English 12 is a course that develops both academic and life skills. Concepts are presented in creative and lively ways that reinforce learning goals and engage students. Literary selections include short fiction and poetry from around the globe, modern drama works, and a contemporary novel. Nonfiction selections feature historical correspondence, diaries, logs, and famous courtroom arguments. Life reading skills target forms, applications, and work-related communication. Grammar review and vocabulary development are included in every unit.* Prerequisites: Language Arts 11
English 12 CR	Critical Reading and Effective Writing is a course that develops both academic and life skills. Concepts are presented in creative and lively ways that reinforce learning goals and engage students. Literary selections include short fiction and poetry from around the globe, modern drama works, and a contemporary novel. Nonfiction selections feature historical correspondence, diaries, logs, and famous courtroom arguments. Life reading skills target forms, applications, and work-related communication. Grammar review and vocabulary development are included in every unit.* Prerequisites: Language Arts 11
English 9	English 9 is a course that covers literature study, reading, writing, and language. Students read literature from around the world, including the following genres: short story, poetry, memoir, autobiography, drama, and epic. They read examples of informational writing, such as a letter, Web site, magazine article, newspaper article, speech, editorial, and movie or book review. Along the way, they acquire and practice reading skills and strategies that are directly applicable to these literary and informational reading materials. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills. Select activities target text-handling skills and promote improved performance on commonly assessed literary analysis and response standards.* Prerequisites: None
English 9 CR	English 9 is a course that covers literature study, reading, writing, and language. Students read literature from around the world, including the following genres: short story, poetry, memoir, autobiography, drama, and epic. They read examples of informational writing, such as a letter, Web site, magazine article, newspaper article, speech, editorial, and movie or book review. Along the way, they acquire and practice reading skills and strategies that are directly applicable to these literary and informational reading materials. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills. Select activities target text-handling skills and promote improved performance on commonly assessed literary analysis and response standards.* Prerequisites: None
English Language Arts 10 (Hybrid)	English Language Arts 10 continues to engage and develop student understanding with elements of literature from Greek tragedies to modern times using the genres of fiction and nonfiction. Through reading and the study of literary elements such as plot and setting, character, narrator and voice, tone and mood, and symbolism and irony, students develop skills in literary analysis and interpretation. Students also examine form, style, and persuasion within nonfiction works. In this course, students strengthen their vocabulary, grammar, and mechanics. They also focus on the stages of the writing process. * Prerequisites: None
English Language Arts 11 (Hybrid)	American Literature is a literature and composition course offering organized as a survey of American literature. The course builds literary and communication skills, including reading, writing, language appreciation and aesthetics, listening and speaking, viewing and representing, and research. Within these general topic areas, special emphasis is placed on writing expository, research, and creative compositions; honing critical and analytic skills through close readings of literary, historical, expository, and functional documents; using context strategies and an understanding of etymology to build vocabulary, and practicing communication skills. * Prerequisites: None
English Language Arts 12 (Hybrid)	British and World Literature is a streamlined survey of British literature that illustrates the origins of English-language literature and reflects its reach beyond the British Isles. The course is standards-based. Each activity correlates to state standards in six core areas: reading, writing, language (appreciation and aesthetics), listening and speaking, viewing and representing (including media literacy), and research. The course gives students meaningful practice in fundamental literacy skills while introducing them to classics of British and world literature. Throughout the course, students are encouraged to think and respond independently, critically, and creatively to the subject matter, whether it's a work of literature, a piece of nonfiction writing, or a media work. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills. * Prerequisites: None
English Language Arts 9 (Hybrid)	English Language Arts 9 introduces students to elements of literature from classic to modern times using the genres of fiction and nonfiction. Through reading and the study of literary elements such as plot and setting, character, narrator and voice, tone and mood, and symbolism and irony, students develop skills in literary analysis and interpretation. Students also examine form, style, and persuasion within nonfiction works. In this course, students strengthen their vocabulary, grammar, and mechanics. They also focus on the stages of the writing process. * Prerequisites: None
Entrepreneurship 1A: Introduction	Starting a business is more than just having a good idea. Successful entrepreneurs know how to use and apply fundamental business concepts to turn their ideas into thriving businesses. Explore topics such as identifying the best business structure, business functions and operations, finance, business laws, regulations, and more! If you have ever dreamed of making a business idea a reality, take the time to establish a solid foundation of business skills to make your business dreams come true! * Prerequisites: None
Entrepreneurship 1B: Make Your Idea a Reality	You have the business idea; now it’s time to go from dream to reality. Throughout this course, you’ll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you’ll create a viable document you can use to help you start your business by the end of the course. Let’s bring your dream to life! * Prerequisites: None

Course Name	Course Description
Entrepreneurship EL	Entrepreneurship focuses on recognizing a business opportunity and developing the opportunity into a business. The controlling functions (accounting, finance, marketing, management) as well as legal and economic considerations are applied. Student responsibility and initiative are encouraged as business strategies are created, planned, and presented as a final product - a business plan for an actual business venture. Through the process of developing the business plan, students acquire skills necessary to operate a successful business.* Prerequisites: None* This course includes an optional learning experience.*
Entrepreneurship HS	Through a multidisciplinary approach, this course focuses on recognizing a business opportunity and developing the opportunity into a business. The controlling functions (accounting, finance, marketing, management) as well as legal and economic considerations are applied. Student responsibility and initiative are encouraged as business strategies are created, planned, and presented as a final product - a business plan for an actual business venture. Through the process of developing the business plan, students acquire skills necessary to operate a successful business. * Prerequisites: None* This course includes an optional learning experience.*
Entrepreneurship MS	Through a multidisciplinary approach, this course focuses on recognizing a business opportunity and developing the opportunity into a business. The controlling functions (accounting, finance, marketing, management) as well as legal and economic considerations are applied. Student responsibility and initiative are encouraged as business strategies are created, planned, and presented as a final product - a business plan for an actual business venture. Through the process of developing the business plan, students acquire skills necessary to operate a successful business. * Prerequisites: None* This course includes an optional learning experience.*
Environmental Projects EL	In this multidisciplinary course students will learn about the environment, the world around them, from the air we breathe to the water we drink. Through hands-on investigations, students will discover how human activity impacts resources and ultimately our own health and how each one of us can take steps to make a positive impact on our world. Students will explore how technology is being used in environmental issues. * Prerequisites: None * This course includes an optional learning experience. *
Environmental Projects HS	In this multidisciplinary course students will learn about the environment, the world around them, from the air we breathe to the water we drink. Through hands-on investigations, students will discover how human activity impacts resources and ultimately our own health and how each one of us can take steps to make a positive impact on our world. Students will explore how technology is being used in environmental issues. * Prerequisites: None* This course includes an optional learning experience.*
Environmental Projects MS	In this multidisciplinary course students will learn about the environment, the world around them, from the air we breathe to the water we drink. Through hands-on investigations, students will discover how human activity impacts resources and ultimately our own health and how each one of us can take steps to make a positive impact on our world. Students will explore how technology is being used in environmental issues. * Prerequisites: None* This course includes an optional learning experience.*
Environmental Science	This course presents relationships between organisms and how these relationships relate to the functioning of ecosystems. Students learn the key concepts and processes of nutrient cycling, biomes, pollution, energy resources, and habitat destruction. The course also covers ways to promote biodiversity and create a sustainable future.* Prerequisites: None
Environmental Science CR	In this credit recovery course relationships between organisms and how these relationships relate to the functioning of ecosystems. Students learn the key concepts and processes of nutrient cycling, biomes, pollution, energy resources, and habitat destruction. The course also covers ways to promote biodiversity and create a sustainable future.* Prerequisites: None
Environmental Survival EL	This multidisciplinary course explores the skills and knowledge base needed in backcountry wilderness adventures including essential gear, necessary knot-tying, backpacking basics, backcountry cooking, orienteering, basics of wilderness first aid, fire building techniques, shelter building, wild edibles, leave no trace ethics, expedition leadership skills, team-building exercises, and more. Steps for planning a successful backcountry trip will be covered as well as local backcountry trip possibilities. The optional lab component of this online class will consist of exercises and discussion related to important trip planning elements and will focus on a risk avoidance mindset.* Prerequisites: None* This course includes an optional learning experience.*
Environmental Survival HS	This multidisciplinary course explores the skills and knowledge base needed in backcountry wilderness adventures including essential gear, necessary knot-tying, backpacking basics, backcountry cooking, orienteering, basics of wilderness first aid, fire building techniques, shelter building, wild edibles, leave no trace ethics, expedition leadership skills, team-building exercises, and more. Steps for planning a successful backcountry trip will be covered as well as local backcountry trip possibilities. The optional lab component of this online class will consist of exercises and discussion related to important trip planning elements and will focus on a risk avoidance mindset. Time will also be spent learning team-building ideas and leave no trace ethics. * Prerequisites: None* This course includes an optional learning experience.*
Environmental Survival MS	This multidisciplinary course explores the skills and knowledge base needed in backcountry wilderness adventures including essential gear, necessary knot-tying, backpacking basics, backcountry cooking, orienteering, basics of wilderness first aid, fire building techniques, shelter building, wild edibles, leave no trace ethics, expedition leadership skills, team-building exercises, and more. Steps for planning a successful backcountry trip will be covered as well as local backcountry trip possibilities. The optional lab component of this online class will consist of exercises and discussion related to important trip planning elements and will focus on a risk avoidance mindset. Time will also be spent learning team-building ideas and leave no trace ethics. * Prerequisites: None* This course includes an optional learning experience.*
Excel: Office Fundamentals	Discover the real world uses of Microsoft Excel and its impact upon business, academic, and personal applications. Move from inserting and manipulating data, to working with tables, charts, graphs, and calculations. Content of this course will also be applicable to the Microsoft Office Suite certification exam.* Prerequisites: None

Course Name	Course Description
Explorations in Spanish (3-5)	This introductory Spanish course provides a fun, interactive experience for a student's first exposure to the Spanish language. The content for each unit is based on an authentic story, myth or legend from Spanish-speaking culture. Although the course focuses principally on vocabulary acquisition, basic grammar principles are intuitively grasped through the story, games, activities, songs, and assessments. In addition, students learn to perform simple tasks in connection with each unit's theme. Students engage in language learning in a rewarding, low---stress environment; get comfortable with the sounds and rhythms of Spanish; learn simple Spanish phrases; begin to read, write, speak and listen for meaning in Spanish; and recognize distinctive practices and products of Spanish-speaking culture.* Prerequisites: None
Explorations in Spanish II (3-5)	This course is the second year of our introductory Spanish courses. It provides a fun, interactive experience for a student's continued exposure to the Spanish language. The content for each unit is based on an authentic story, myth or legend from Spanish-speaking culture. The course uses each authentic story as a way to help students acquire vocabulary and other key concepts. The course focuses principally on vocabulary acquisition, basic grammar principles, pronunciation, and culture, all of which are grasped through the story, games, activities, songs, and assessments. In addition, students learn to perform simple tasks in connection with each unit's theme. Students engage in language learning in a rewarding, low-stress environment; get comfortable with the sounds and rhythms of Spanish; learn simple Spanish phrases and sentences related to each theme; continue to read, write, speak and listen for meaning in Spanish; and recognize distinctive practices and products of Spanish-speaking culture.* Prerequisites: None
Explorations in Spanish K-2	This introductory Spanish course provides a fun, interactive experience for a student's first exposure to the Spanish language. The content for each unit is based on an authentic story, myth or legend from Spanish-speaking culture. This course, designed specifically for younger students, focuses principally on vocabulary acquisition through stories, games, songs, and practice activities. Students are exposed to Spanish language and Spanish-speaking cultures in a fun environment where they can explore meanings and begin to express themselves through simple words and phrases.* Prerequisites: None
Exploratory Writing Projects EL	This writing class is designed for students who wish to apply writing skills to technology and industry fields. Students will learn through a multidisciplinary approach to apply a variety of technical reading, writing skills and strategies as well as have an opportunity to gain an in-depth knowledge in a field of interest. Work might include but not be limited to: Research, working with small offices or businesses in the community. * Prerequisites: None * This course includes an optional learning experience. *
Exploratory Writing Projects HS	This writing class is designed for students who wish to apply writing skills to technology and industry fields. Students will learn through a multidisciplinary approach to apply a variety of technical reading, writing skills and strategies as well as have an opportunity to gain an in-depth knowledge in a field of interest. Work might include but not be limited to: Research, working with small offices or businesses in the community. * Prerequisites: None * This course includes an optional learning experience. *
Exploratory Writing Projects MS	This writing class is designed for students who wish to apply writing skills to technology and industry fields. Students will learn through a multidisciplinary approach to apply a variety of technical reading, writing skills and strategies as well as have an opportunity to gain an in-depth knowledge in a field of interest. Work might include but not be limited to: Research, working with small offices or businesses in the community. * Prerequisites: None * This course includes an optional learning experience. *
Explorers Projects EL	This class will provide multiple pathways to creatively explore your favorite time period through technology and artistic expression. Project options may include: A: Journey back to a time when kings were in charge. This multidisciplinary course will explore from the knights of King Arthur to the end of the Samurai. The Lord's and Ladies who changed history lead interesting lives. Let's learn what we can from them about what it truly means to be noble. or. This project guides student through history with that fun Time Lord, Doctor Who. Historical places, people and events are common in episodes of Doctor Who and this course will help students expand their understanding of such events, as well as encourage them to research such material. Students will learn interesting facts about the TV show and discuss both the TV series and real life historical events. Students will also learn art history, literature, research, and how to present their thoughts via multimedia. * Prerequisites: None * This course includes an optional learning experience. *
Explorers Projects HS	This class will provide multiple pathways to creatively explore your favorite time period through technology and artistic expression. Project options may include: A: Journey back to a time when kings were in charge. This multidisciplinary course will explore from the knights of King Arthur to the end of the Samurai. The Lord's and Ladies who changed history lead interesting lives. Let's learn what we can from them about what it truly means to be noble. or. This project guides student through history with that fun Time Lord, Doctor Who. Historical places, people and events are common in episodes of Doctor Who and this course will help students expand their understanding of such events, as well as encourage them to research such material. Students will learn interesting facts about the TV show and discuss both the TV series and real life historical events. Students will also learn art history, literature, research, and how to present their thoughts via multimedia. * Prerequisites: None * This course includes an optional learning experience. *
Explorers Projects MS	This class will provide multiple pathways to creatively explore your favorite time period through technology and artistic expression. Project options may include: A: Journey back to a time when kings were in charge. This multidisciplinary course will explore from the knights of King Arthur to the end of the Samurai. The Lord's and Ladies who changed history lead interesting lives. Let's learn what we can from them about what it truly means to be noble. or. This project guides student through history with that fun Time Lord, Doctor Who. Historical places, people and events are common in episodes of Doctor Who and this course will help students expand their understanding of such events, as well as encourage them to research such material. Students will learn interesting facts about the TV show and discuss both the TV series and real life historical events. Students will also learn art history, literature, research, and how to present their thoughts via multimedia. * Prerequisites: None * This course includes an optional learning experience. *
Fashion Design	Are you a fashion trend follower? Are you drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do you dream of designing your own line of clothing or accessories? Learn what it takes to get started in the fashion industry, from the careers available to new technology and trends reshaping the industry every day. Start creating! * Prerequisites: None
Filmmaking Bootcamp	Have you ever dreamed of making movies? Whether you love film, want to make videos for fun, or dream of becoming the next big director, this course is a great place to start. Filmmaking Bootcamp is an entry-level course that will serve as an introduction to basic video/film/audio production. The goal of the course is for the student to develop the ability to capture great video images and audio, and to be able to edit those two elements together to tell a story. No prior video and film experience is needed. You will learn the fundamentals of visual storytelling, narrative writing, cinematography, lighting, and editing which serve as the basic skills necessary to take a short film from start to finish. This course can be used as a fine arts or technology credit to meet the art requirement for high school graduation. * Prerequisites: None

Course Name	Course Description
Financial Apps EL	Each day we make many personal and financial decisions. One way to organize these activities is with the use of a personal financial plan. The following list of steps can be used to create and implement a personal financial plan. Various lessons from Practical Money Skills are suggested for use in each phase of the personal financial planning process including making money, spending habits, credit cards, calculating interest, budgeting, and the psychology of buyer's remorse.* Prerequisites: None* This course includes an optional learning experience.*
Financial Apps HS	Each day we make many personal and financial decisions. One way to organize these activities is with the use of a personal financial plan.* Prerequisites: None* This course includes an optional learning experience.*
Financial Apps MS	Each day we make many personal and financial decisions. One way to organize these activities is with the use of a personal financial plan. * Prerequisites: None * This course includes an optional learning experience. *
Financial Literacy	Financial Literacy helps students recognize and develop vital skills that connect life and career goals with personalized strategies and milestone-based action plans. Students explore concepts and work toward a mastery of personal finance skills, deepening their understanding of key ideas and extending their knowledge through a variety of problemsolving applications.Course topics include career planning; income, taxation, and budgeting; savings accounts, checking accounts, and electronic banking; interest, investments, and stocks; cash, debit, credit, and credit scores; insurance; and consumer advice on how to buy, rent, or lease a car or house.These topics are solidly supported by writing and discussion activities. Journal activities provide opportunities for students to both apply concepts on a personal scale and analyze scenarios from a third-party perspective. Discussions help students network with one another by sharing personal strategies and goals and recognizing the diversity of life and career plans within a group.This course is built to state standards as they apply to Financial Literacy and adheres to the National Council of Teachers of Mathematics' (NCTM) Problem Solving, Communication, Reasoning, and Mathematical Connections Process standards. * Prerequisites: None
First Aid	In this course, students learn and practice first aid procedures for a variety of common conditions, including muscular, skeletal, and soft tissue injuries. In addition, students learn how to appropriately respond to a variety of emergency situations. They also learn the procedures for choking and CPR for infants, children, and adults. In addition to emergency response, students will explore personal, household, and outdoor safety, and disaster preparedness.* Prerequisites: None
Fitness MS	Are you physically fit? What does being fit mean to you? Physical fitness is a lot more than just a number on a scale, and that's exactly what you'll learn in this course! Middle School Fitness helps you understand the basics of being physically fit and allows for a deeper understanding of your body's functions. You will learn about the complex science behind exercise and determine how you can test your current level of fitness. Explore what it means to be mindful and discover what inspires you. Improving your physical fitness is a smart choice to make at any age, and by signing up for this course, you will be taking the first step on your exciting journey to understanding and improving your physical fitness.* Prerequisites: None
Fitness PRJ Basketball EL	Through a multidisciplinary approach, students will learn the basics of basketball, the physical, emotional and social aspects of the sport as play. Students will keep a fitness journal and explore body mass index, healthy exercise habits and mindset.* Prerequisites: None* This course includes an optional learning experience.*
Fitness PRJ Basketball HS	Through a multidisciplinary approach, students will learn the basics of basketball, the physical, emotional and social aspects of the sport as play. Students will keep a fitness journal and explore body mass index, healthy exercise habits and mindset. Students will work on learning the rules of the sport, shooting skills, ball handling, offensive and defensive footwork, ball strength, game strategy, athleticism, team activities, individual skill development and character development. * Prerequisites: None* This course includes an optional learning experience.*
Fitness PRJ Basketball MS	Through a multidisciplinary approach, students will learn the basics of basketball, the physical, emotional and social aspects of the sport as play. Students will keep a fitness journal and explore body mass index, healthy exercise habits and mindset. Students will work on learning the rules of the sport, shooting skills, ball handling, offensive and defensive footwork, ball strength, game strategy, athleticism, team activities, individual skill development and character development. * Prerequisites: None* This course includes an optional learning experience.*
Flexibility Training	This course focuses on the often-neglected fitness component of flexibility. Students establish their fitness level, set goals, and design their own flexibility training program. They study muscular anatomy and learn specific exercises to stretch each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles to flexibility training. This course explores aspects of static, isometric, and dynamic stretching, as well as touch on aspects of yoga and Pilates. This course also discusses good nutrition and effective cross-training. Students take a pre- and post fitness assessment. Throughout this course students also participate in a weekly fitness program involving flexibility training, as well as elements of cardio and strength training.* Prerequisites: None
Fluency Spanish I	Students begin their introduction to Spanish with fundamental building blocks in four key areas of world-language Spanish study: listening comprehension, speaking, reading, and writing. The extensive use of authentic materials (video, audio, images or texts) allows for a contextualized and interactive presentation of the vocabulary and the linguistic structures. Students are actively engaged in completing task- based activities individually and collaboratively while formulating and testing hypotheses about different aspects of the target language. The materials and the activities engage students in such a way that they learn to develop the necessary metacognitive strategies to be successful both in the processing of the authentic input and in negotiating meaning to reach a mutual understanding with other speakers. Cultural information relevant to Hispanic countries and communities and cross-cultural reflections permeate the materials from beginning to end.* Prerequisites: None

Course Name	Course Description
Forensic Science I: Secrets of the Dead	Fingerprints. Blood spatter. Gunshot residue. If these things intrigue you rather than scare you, Forensic Science 1: Secrets of the Dead may be for you. This course offers you the chance to dive into the riveting job of crime scene analysis. Learn the techniques and practices applied during a crime scene investigation and how clues and data are recorded and preserved. You will better understand how forensic science applies technology to make discoveries and bring criminals to justice as you follow the entire forensic process from pursuing the evidence trail to taking the findings to trial. By careful examination of the crime scene elements, even the most heinous crimes can be solved.* Prerequisites: None
Forensic Science II: More Secrets of the Dead	Every time a crime is committed, a virtual trail of incriminating evidence is left behind just waiting to be found and analyzed. In Forensic Science 2: More Secrets of the Dead, you'll learn even more about the powerful science of forensics and how it has changed the face of crime and justice in our world. You will learn some basic scientific principles used in the lab, such as toxicology, material analysis, microscopy, and forensic anthropology and find out how scientists use everything from insects to bones to help them solve crimes. Discover how advanced techniques and methodical processes can lead to catching even the craftiest criminal. The best way to battle crime these days is not with a weapon, but with science. * Prerequisites: Forensic Science I: Secrets of the Dead
Forensics & Technology EL	In this multidisciplinary course students will use a variety of technology to explore reasoning skills, observation, memory sharpening, codes and the collection of evidence in a fictional crime scenario. Students will learn about forensic tools, technical resources, forming and testing hypothesis, proper data collection and responsible conclusions.* Prerequisites: None* This course includes an optional learning experience.*
Forensics & Technology HS	In this multidisciplinary course students will use a variety of technology to explore reasoning skills, observation, memory sharpening, codes and the collection of evidence in a fictional crime scenario. Students will learn about forensic tools, technical resources, forming and testing hypothesis, proper data collection and responsible conclusions. * Prerequisites: None * This course includes an optional learning experience. *
Forensics & Technology MS	In this multidisciplinary course students will use a variety of technology to explore reasoning skills, observation, memory sharpening, codes and the collection of evidence in a fictional crime scenario. Students will learn about forensic tools, technical resources, forming and testing hypothesis, proper data collection and responsible conclusions. * Prerequisites: None * This course includes an optional learning experience. *
Forensics: The Science of Crime	We watch with interest as crime scenes are dramatized on television and in film, and sit on the edge of our seat as various members of the justice system solve the most baffling cases. But what about the science behind the crime? Forensics: The Science of Crime explores the role science and technology play in this fascinating and growing career. In this course, you'll learn the specialized skills and techniques used during a crime scene investigation and how evidence and data is expertly collected, preserved, and analyzed. With a strong focus on the innovative science used in the field as well as participation in interactive activities, you will follow the entire forensic process 'om examining evidence to taking the findings to trial 'd learn how the professionals are utilizing science to bring criminals to justice.* Prerequisites: None
Forestry and Natural Resources	Whether you are a tree-hugger or not, everyone loves the beauty and serenity of a healthy forest. Our precious woodland species not only supply us with aesthetic beauty but also play a valuable role in nature. Trees uphold a great deal of our wildlife's ecosystem while providing us humans with needed lumber, paper products, and even food. But these forests cannot protect themselves and depend greatly on humans for conservation. In Introduction to Forestry and Natural Resources, you will learn more about this meaningful relationship and how environmental policy, land use, water resources, and wildlife management all factor into current forestry issues. After better understanding these variables and how they affect the majesty of our forests, you may just be hugging these gentle giants after all.* Prerequisites: None
Form Dimension EL	In this multidisciplinary course, students will explore the world of sports through the lens of geometric forms and dimensional exploration of the sports arenas and play. Students may choose a sport and will create a presentation comparing the many aspects of a sport to geometric concepts.* Prerequisites: None* This course includes an optional learning experience.*
Form Dimension HS	In this multidisciplinary course, students will explore the world of sports through the lens of geometric forms and dimensional exploration of the sports arenas and play. Students may choose a sport and will create a presentation comparing the many aspects of a sport to geometric concepts. * Prerequisites: None* This course includes an optional learning experience.*
Form Dimension MS	In this multidisciplinary course, students will explore the world of sports through the lens of geometric forms and dimensional exploration of the sports arenas and play. Students may choose a sport and will create a presentation comparing the many aspects of a sport to geometric concepts.* Prerequisites: None* This course includes an optional learning experience.*
Foundations of Game Design IA: Introduction	Does your love of video games motivate you to pursue a career in this field? Pursue your passion by learning about the principles of game design through the stages of development, iterative process, critiques, and game development tools. Put these new skills to work by designing your own game! * Prerequisites: None
Foundations of Game Design IB: Storytelling, Mechanics, and Production	Now that you have the basics of game design down, let’s use your creativity to develop a game from start to finish! Develop your game creation skills and practice with the tools professionals use to launch your career options in the field of game design. The content of this course also applies to certification exams.* Prerequisites: Foundations of Game Design I A: Introduction
Foundations of Music EL	The Foundations of Music course develops a foundation for students of what music is, the different instruments in the various families of musical instruments, musical periods, select composers, and musical genres and styles. Course topics include:What is Music?Music BasicsString FamilyPercussion FamilyBrass FamilyWoodwind FamilyThe Human VoiceMusic EnsemblesMusical Periods of Western MusicMusical Styles and GenresFundamentals of Music Sound * Prerequisites: None

Course Name	Course Description
Foundations of Programming	Learn the skills required to be competitive in today's high tech workforce. This course covers the fundamentals of programming using the computer language Python. It provides you with the concepts, techniques, and processes associated with computer programming and software development. You'll also explore the vast programming career opportunities available in this high-demand field. This course is part of a program of study that provides coherent and rigorous content needed for progression in the Information Technology career cluster.* Prerequisites: None
French Culture EL	Through a multidisciplinary approach, students will be introduced to le Francais, one of the most lovely languages in the world. We will not only learn foundational elements such as the alphabet, vocabulary and simple phrases, but we will also explore French culture, art and music. By using a variety of methods, students will learn a new language while having fun!* Prerequisites: None* This course includes an optional learning experience.*
French Culture HS	Through a multidisciplinary approach, students will be introduced to le Francais, one of the most lovely languages in the world. We will not only learn foundational elements such as the alphabet, vocabulary and simple phrases, but we will also explore French culture, art and music. By using a variety of methods, students will learn a new language while having fun! Secondary student will create a multimedia project of their choosing.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
French Culture MS	Through a multidisciplinary approach, students will be introduced to le Francais - one of the most lovely languages in the world. We will not only learn foundational elements such as the alphabet, vocabulary and simple phrases, but we will also explore French culture, art and music. By using a variety of methods, students will learn a new language while having fun! Secondary student will create a multimedia project of their choosing.* Prerequisites: None* This course includes an optional learning experience.*
French I	French courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
French I MS	Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
French II	French courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
French II MS	Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. * Prerequisites: MS French I
French III	French courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
French IV	French courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
Game Design 2A: Build a World	Are you ready to enter this multi-billion-dollar industry and start applying your technical skills into a compelling package that will catch the eye of an employer? Beginning with conceptualization and the design process, you'll develop your game's story elements, narrative, plot, characters, and assets. Using game design software, you'll bring your game to life by applying lighting, audio, visual effects, player choice options, AI, and consider the type of controls to use for your game. Build a world players can get immersed in.* Prerequisites: Foundations of Game Design IA and IB
Game Design 2B: Launch a Game	You've already done the groundwork, and now it's time to level up and launch! In Game Design 2B, you'll take your runner game to new heights and enter the land of fire and ice using the cool tools that Unity has to offer! Get ready to build atmospheric landscapes, mountain runs, stair builds, and implement obstacles to keep your relic safe! Then, your realworld game begins: test and evaluate your game and prepare for a market launch! All of the moving parts of the game development process come together in this course, so you can unleash your game into the world!* Prerequisites: Foundations of Game Design IA and IB
Game Design IA: Introduction MS	We love to play video games, but have you ever wanted to build your own? If you are interested in a career in technology but also want a creative outlet, Game Design might be the field for you. Learn how to build a game from the ground up in this interactive and hands-on course that will teach you all the ins and outs of making your own game. * Prerequisites: None
Game Design IB: Creating a Game MS	It's time to take your Game Design knowledge up a level! You built your game design skills and Scratch techniques in the first part of this course. By the end, you wrote your game design document. Now you are ready to start developing that game! You'll create details and add component pieces in a game while learning to prototype, troubleshoot, and test. * Prerequisites: Game Design I A: Introduction MS
GED Prep: English	VIRTUAL TUTOR: GED Updated to reflect the 2014 changes to the test, this test preparation course effectively prepares students for all sections of the GED exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.* Prerequisites: Counselor Approval
GED Prep: Math	VIRTUAL TUTOR: GED Updated to reflect the 2014 changes to the test, this test preparation course effectively prepares students for all sections of the GED exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.* Prerequisites: Counselor Approval
GED Prep: Science	VIRTUAL TUTOR: GED Updated to reflect the 2014 changes to the test, this test preparation course effectively prepares students for all sections of the GED exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.* Prerequisites: Counselor Approval
GED Prep: Social Studies	VIRTUAL TUTOR: GED Updated to reflect the 2014 changes to the test, this test preparation course effectively prepares students for all sections of the GED exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.* Prerequisites: Counselor Approval

Course Name	Course Description
Geometry	Geometry is the beginning of creating a solid foundation in mathematics by studying and exploring a wide range of geometric concepts. Students begin to understand the basics of geometric equations and how these equations are present in daily life. Students learn to calculate perimeter and work directly with angles and arcs to understand the importance of geometric math in construction. * Prerequisites: Algebra I
Geometry (Hybrid)	Students learn how to apply and calculate measurements of lengths, heights, circumference, areas, and volumes. Geometry introduces trigonometry and allows students to work with transformations. Students will use logic to create proofs and constructions and will work with key geometry theorems and proofs. * Prerequisites: Algebra I * This course includes an optional learning experience. *
Geometry CR	Geometry is the beginning of creating a solid foundation in mathematics by studying and exploring a wide range of geometric concepts. Students begin to understand the basics of geometric equations and how these equations are present in daily life. Students learn to calculate perimeter and work directly with angles and arcs to understand the importance of geometric math in construction. * Prerequisites: Algebra I
German I	German courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
German I MS	Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
German II	German courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. * Prerequisites: German I
German II MS	Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. * Prerequisites: MS German I
Gothic Literature: Monster Stories	Vampires, ghosts, and werewolves have lived in our collective imagination since the 18th century, and they continue to influence the world of fiction even today. Gothic Literature: Monster Stories focuses on the major themes found in Gothic literature and demonstrates the techniques writers use to produce a thrilling psychological experience for the reader. The themes of terror versus horror, the power of the supernatural, and the struggle between good and evil are just a few of the classic Gothic subjects explored in this course. Are you brave enough to go beyond the fear and find an appreciation for the dark beauty of Gothic stories?* Prerequisites: None
Graphic Design	Graphic Design is an introduction to elements of design, spatial relationships, typography and imagery as they apply to practical visual solutions for self-promotion, resumes, logo design, Web design, and sequential systems. In this course, the student explores the basic foundations of design through a series of visual projects that explore the principles and elements of design. Students will work both with analog and digital media as they explore two-dimensional and three-dimensional design along with color theory. This course will help develop and explore a student's ability to communicate visually. In each lesson students acquire new skills, which take some effort. Beyond fundamental skills are various levels of creativity. Each lesson provides room for a student to express the technical skill learned in his or her own creative way.* Prerequisites: None
Graphic Design	Students will gain beginning/intermediate skills in the areas of file management, typography color theory, Illustration, 2D raster and vector, and design and layout using Adobe Illustrator - the leading vector based illustration tool. One semester, 1/2 credit. * Prerequisites: None
Great Minds in Science: Ideas for a New Generation	Sometimes there are simply more questions than answers. Does life exist on other planets? How extreme is the human ability to survive? Will the issue of global warming ever be solved? Today, scientists, explorers, and writers are working to answer such questions by using extensive inquiry to find innovative solutions. Similar to such famous minds from history as Edison, Einstein, Curie, and Newton, the scientists of today are finding ways to revolutionize our lives and the world. Great Minds in Science: Ideas for a New Generation takes an in-depth look at the extraordinary work of these individuals and demonstrates how their ideas may very well shape the world of tomorrow.* Prerequisites: None
Green Screen EL	Students are introduced to the fundamentals of digital photography and creating special effects using a green screen. ChromaKey is a technique used to combine two images together in which a color from one image is removed or made transparent, revealing another image behind it. The students will be the actors and actresses. Students can perhaps climb a mountain, dive in the ocean, or battle dinosaurs. They create a real or imaginary adventure and film all the fun. This class combines technology, art and photography through the use of innovative processes for capturing pictures.* Prerequisites: None* This course includes an optional learning experience.*
Green Screen HS	Students are introduced to the fundamentals of digital photography and creating special effects using a green screen. ChromaKey is a technique used to combine two images together in which a color from one image is removed or made transparent, revealing another image behind it. The students will be the actors and actresses. Students can perhaps climb a mountain, dive in the ocean, or battle dinosaurs. They create a real or imaginary adventure and film all the fun. This class combines technology, art and photography through the use of innovative processes for capturing pictures.* Prerequisites: None* This course includes an optional learning experience.*
Green Screen MS	Students are introduced to the fundamentals of digital photography and creating special effects using a green screen. ChromaKey is a technique used to combine two images together in which a color from one image is removed or made transparent, revealing another image behind it. The students will be the actors and actresses. Students can perhaps climb a mountain, dive in the ocean, or battle dinosaurs. They create a real or imaginary adventure and film all the fun. This class combines technology, art and photography through the use of innovative processes for capturing pictures.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Group Instrumental EL	In this multidisciplinary class students will learn explore music through technology and they will learn how to play an instrument of their choice, and perform in a small group ensemble. Instruction will be demonstrated through classroom lecture, group instruction, activities and personal trial and error. Exploration in other areas will include music technology, composers, care and cleaning of the instruments, science of sound, orchestra, band, music theory, music history, artistic expression, songwriting, responsibility, accountability, and the importance of practice.* Prerequisites: None* This course includes an optional learning experience.*
Group Instrumental HS	In this multidisciplinary class students will learn explore music through technology and they will learn how to play an instrument of their choice, and perform in a small group ensemble. Instruction will be demonstrated through classroom lecture, group instruction, activities and personal trial and error. Exploration in other areas will include music technology, composers, care and cleaning of the instruments, science of sound, orchestra, band, music theory, music history, artistic expression, songwriting, responsibility, accountability, and the importance of practice.* Prerequisites: None* This course includes an optional learning experience.*
Group Instrumental MS	In this multidisciplinary class students will learn explore music through technology and they will learn how to play an instrument of their choice, and perform in a small group ensemble. Instruction will be demonstrated through classroom lecture, group instruction, activities and personal trial and error. Exploration in other areas will include music technology, composers, care and cleaning of the instruments, science of sound, orchestra, band, music theory, music history, artistic expression, songwriting, responsibility, accountability, and the importance of practice.* Prerequisites: None* This course includes an optional learning experience.*
Guitar IA	Whether you love music, want to play guitar for your family and friends, or desire to be a professional musician, this course is a great place to start. No prior music experience is needed. You will learn the fundamentals of music and the basic skills necessary to play a wide variety of music styles. Student guides, Carlos and Ariel, will take you through each step of this journey towards becoming a skilled guitarist and musician. No prior music background is required. * Prerequisites: None
Guitar IA MS	Whether you want to play guitar for your family and friends, desire to be a professional performer, or just love playing music, this course is a great place to start. No prior music experience is needed. You will learn the fundamentals of music and the basic skills necessary to play a wide variety of music styles. Student guides, Carlos and Summer, will take you through each step of this journey towards becoming a skilled guitarist and musician. No music background is required. *Prerequisites: None
Guitar IB	Whether you love music, want to play guitar for your family and friends, or desire to be a professional musician, this course is a great place to start. No prior music experience is needed. You will learn the fundamentals of music and the basic skills necessary to play a wide variety of music styles. Student guides, Carlos and Ariel, will take you through each step of this journey towards becoming a skilled guitarist and musician. No prior music background is required. * Prerequisites: Guitar IA or equivalent knowledge and experience.
Guitar IB MS	Whether you want to play guitar for your family and friends, desire to be a professional performer, or just love playing music, this course is a great place to start. No prior music experience is needed. You will learn the fundamentals of music and the basic skills necessary to play a wide variety of music styles. Student guides, Carlos and Summer, will take you through each step of this journey towards becoming a skilled guitarist and musician. No music background is required. *Prerequisites: None
Guitar IIA	This course builds on the solid foundation provided in the High School Guitar 1 course. Students will learn to play movable scale patterns, build chords, read melodies, and improvise music in several keys, up and down the fretboard. Additionally, students will learn a variety of professional accompaniment patterns, solo guitar playing skills, and guitar trio arrangements. This course is an essential step in the continuing journey towards becoming a skilled guitarist and musician. * Prerequisites: Guitar IA&B or equivalent knowledge and experience.
Guitar IIB	This course builds on the solid foundation provided in the High School Guitar 1 course. Students will learn to play movable scale patterns, build chords, read melodies, and improvise music in several keys, up and down the fretboard. Additionally, students will learn a variety of professional accompaniment patterns, solo guitar playing skills, and guitar trio arrangements. This course is an essential step in the continuing journey towards becoming a skilled guitarist and musician. * Prerequisites: Guitar IIA or equivalent knowledge and experience.
Guitar Projects Advanced EL	Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience.* Prerequisites: None* This course includes an optional learning experience.*
Guitar Projects Advanced HS	Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience.* Prerequisites: None* This course includes an optional learning experience.*
Guitar Projects Advanced MS	Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience.* Prerequisites: None* This course includes an optional learning experience.*
Guitar Projects Beginner EL	Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Guitar Projects Beginner HS	Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience.* Prerequisites: None* This course includes an optional learning experience.*
Guitar Projects Beginner MS	Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience. * Prerequisites: None* This course includes an optional learning experience.*
Guitar Projects EL	Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience.* Prerequisites: None* This course includes an optional learning experience.*
Guitar Projects HS	Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience.* Prerequisites: None* This course includes an optional learning experience.*
Guitar Projects MS	Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience.* Prerequisites: None* This course includes an optional learning experience.*
Gymnastics EL	This multidisciplinary course is designed as a basic introduction to gymnastics and the human body. The course will include discussion and application of simple mechanical principles underlying tumbling performance. It will also include skill progressions, skill analysis, and body preparation for tumbling. The course will involve skill performance, discussion, fitness and performance analysis using technology.* Prerequisites: None* This course includes an optional learning experience.*
Gymnastics HS	This multidisciplinary course is designed as a basic introduction to gymnastics and the human body. The course will include discussion and application of simple mechanical principles underlying tumbling performance. It will also include skill progressions, skill analysis, and body preparation for tumbling. The course will involve skill performance, discussion, fitness and performance analysis using technology.* Prerequisites: None* This course includes an optional learning experience.*
Gymnastics MS	This multidisciplinary course is designed as a basic introduction to gymnastics and the human body. The course will include discussion and application of simple mechanical principles underlying tumbling performance. It will also include skill progressions, skill analysis, and body preparation for tumbling. The course will involve skill performance, discussion, fitness and performance analysis using technology. * Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Health	This course addresses topics in mental health, social health, nutrition, physical fitness, substance abuse, human development, and disease prevention. The course emphasizes the physical and emotional benefits of making healthful choices and discusses consequences of unhealthful behaviors. Critical thinking is encouraged through the use of openended questions, assessments, and videos that present real-life situations. Built using responsive design principles, this HTML course is mobile-friendly, meets accessibility requirements, and includes expanded projects and assessments (including performance assessments.)* Prerequisites: None
Health 1	Elementary Health 1 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy and physiology, and values of cooperation and teamwork.* Prerequisites: None
Health 2	Elementary Health 2 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation.* Prerequisites: None
Health 3	Elementary Health 3 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation.* Prerequisites: None
Health 4	Elementary Health 4 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, reducing illness, avoiding bullying, nutrition, healthy friendships, emergency situations, and the human body. Fourth grade will study the functioning systems of the body. Fifth grade will be covering the reproductive system, puberty and STDs.* Prerequisites: None
Health 5	Elementary Health 5 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, reducing illness, avoiding bullying, nutrition, healthy friendships, emergency situations, and the human body. Fourth grade will study the functioning systems of the body. Fifth grade will be covering the reproductive system, puberty and STDs.* Prerequisites: None
Health and Personal Fitness	Health and Personal Fitness course concentrates on the principles of being healthy and focuses on physical development, mental and emotional stress, relationships, substance awareness, social disease awareness, and personal safety. Students develop critical life management skills necessary to make sound decisions and take positive actions for healthy and effective living. Personal Fitness- The course concentrates on the principles of being fit and includes subjects such as evaluating fitness, flexibility, anatomy and physiology of body systems as they relate to being fit, nutrition, hydration, and designing a personal fitness program. Students acquire knowledge of physical fitness concepts, understand the influence of lifestyle on health and fitness, and begin to develop an optimal level of fitness. * Prerequisites: None
Health Careers	In this course students explore a variety of career options related to the health care field, including medicine, nursing, physical therapy, pharmacy, dental careers, child care, sports medicine, personal training, social work, psychology, and more. Students will learn about various options within each field, what each of these jobs entails, and the education and knowledge required to be successful. In addition, they will focus on basic job skills and information that would aid them in health care and other career paths.* Prerequisites: None
Health I: Life Management Skills	Imagine the healthiest people you know…what's their secret? While some health traits are genetically determined, the truth is we all have the ability to make positive changes in our physical lives. In Health 1: Life Management Skills, you will learn how to promote better health by decreasing stress and finding a fuller vision of your life. Explore different lifestyle choices that can influence your overall health—from positively interacting with others, to choosing quality health care, to making sensible dietary choices. You will have the opportunity to build your own plan for improvement and learn how to create the type of environment that will ensure your overall health, happiness, and well-being. * Prerequisites: None
Health K	Elementary Health K helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy and physiology, and values of cooperation and teamwork.* Prerequisites: None
Health MS	Middle school is a tangle of excitement, changes, and transformations that are sometimes surprising, challenging, and just plain confusing. In this course, you will be given tools and information to help you navigate your teenage world. You will learn about all aspects of health- mental, physical, social, and emotional- and you will learn how to set goals for yourself to improve all facets of your wellbeing. All of these tools can help untangle the sometimes confusing world of middle school and this knowledge can help lead to a healthier and happier you! * Prerequisites: None
Health Science Foundations IA: Introduction	Introduce your students to the rewarding field of health science! Learners will acquire foundational knowledge required to pursue a career, such as the roles in the health care industry and the education, training, and credentials needed to attain them. Basic medical terminology, principles of anatomy and physiology, and legal and ethical responsibilities are also discussed. In addition, students will explore communication, teamwork and leadership techniques- providing a solid basis for those wanting to advance through the health sciences. * Prerequisites: None
Health Science Foundations IB: Professional Responsibilities	Building on the prior prerequisite course, you will further develop your understanding of health science. Starting with safety, you will analyze your responsibilities for ensuring patient and personal safety with special attention paid to emergency procedures. Infection control, first-aid, CPR, and measuring vitals are discussed in detail. You will also learn about numerical data, such as systems of measurement, medical math, and reading and interpreting charts. Finally, examine effective team work and leadership characteristics while building your employment skills.* Prerequisites: Health Science Foundations Ia

Course Name	Course Description
Health Science II: Patient Care & Medical Services	Are you looking for a job that's challenging, interesting, and rewarding? These three words describe many of the different careers in health care, and Health Sciences II: Patient Care and Medical Services will show you how to become part of this meaningful vocation. Promoting wellness, communicating with patients, and understanding safety in the workplace are just a few of the essential skills you will learn, all the while becoming familiar with some of the more prominent areas in the field, such as emergency care, nursing, infection control, and pediatrics. You'll learn about some of the inherent challenges faced by this age-old profession and how you can become a significant part of the solution. * Prerequisites: Health Science I: The Whole Individual
Health Science: Nursing	Nursing is an in-demand career, perfect for someone looking for a rewarding and challenging vocation in the healthcare sector. With a strong focus on patient care, a nurse must be skilled in communication, promoting wellness, and understanding safety in the workplace. In Health Science: Nursing, you will explore communication and ethics, anatomy and physiology, and the practice of nursing. Learn how to build relationships with individuals, families, and communities and how to develop wellness strategies for your patients. From emergency to rehabilitative care to advances and challenges in the healthcare industry, discover how you can launch a fulfilling career providing care to others.* Prerequisites: None
Health Science: Public Health	What is public health Who is in control of our health systems and who decides which diseases get funding and which do not What are the human and environmental reasons for health inequality Health Science: Public Health answers all of these questions and more You will study both infectious and non-communicable diseases as well as learn how we conquer these on a community and global level through various methods, including proper hygiene, sanitation, and nutrition Explore the role of current and future technologies play worldwide as well as consider the ethics and governance of health on a global scale Discover unique career opportunities and fascinating real-life situation.* Prerequisites: None
Health Science: The Whole Individual	We know the world is filled with different health problems and finding effective solutions is one of our greatest challenges. How close are we to finding a cure for cancer? What's the best way to treat diabetes and asthma? How are such illnesses as meningitis and tuberculosis identified and diagnosed? Health Sciences I: The Whole Individual provides the answers to these questions and more as it introduces you to such health science disciplines as toxicology, clinical medicine, and biotechnology. Understanding the value of diagnostics and research can lead to better identification and treatment of many diseases, and by learning all the pertinent information and terminology you can discover how this amazing field will contribute to the betterment human life in our future.* Prerequisites: None
Health, Fitness, and Nutrition	This course covers first aid, the benefits of good nutrition, and the dangers of alcohol and drug use. Students learn how to evaluate their own fitness and nutritional needs and how to make changes that lead to a healthier lifestyle over the long run. Also discussed are strategies for resisting peer pressure and ways fitness can influence self- image and overall well-being.* Prerequisites: None
Healthy Living EL	In this multidisciplinary class students will learn to develop a healthy lifestyle and to incorporate fitness into daily routines by making fitness fun. Students will also explore healthy eating habits and create a project using technology and artistic expression activities to apply the knowledge and skills acquired in this class.* Prerequisites: None* This course includes an optional learning experience.*
Healthy Living HS	This multidisciplinary course will explore Social/Life skills. This course may include basic manners and skills for social situations and effective communication skills. Basic manners, sharing, communication skills, conversation skills, employment skills, listening to others, managing anger, and other skills necessary in relating to others in daily life may be covered. Activities that lead to a more productive life like cooking, cleaning, or grooming may be explored as needed. This course may also explore safety and first aid for home and the public. * Prerequisites: None * This course includes an optional learning experience. *
Healthy Living MS	In this multidisciplinary class students will learn to develop a healthy lifestyle and to incorporate fitness into daily routines by making fitness fun. Students will also explore healthy eating habits and create a project using technology and artistic expression activities to apply the knowledge and skills acquired in this class.* Prerequisites: None* This course includes an optional learning experience.*
Historical Projects EL	The purpose of this course is to examine the history of a town in Michigan and explore opportunities for renewal. Students will explore this through use of technology and research.* Prerequisites: None* This course includes an optional learning experience.*
Historical Projects HS	The purpose of this course is to examine the history of a town in Michigan and explore opportunities for renewal. Students will explore this through use of technology and research.* Prerequisites: None* This course includes an optional learning experience.*
Historical Projects MS	The purpose of this course is to examine the history of a town in Michigan and explore opportunities for renewal. Students will explore this through use of technology and research.* Prerequisites: None* This course includes an optional learning experience.*
History of the Holocaust	“Never shall I forget that night, the first night in camp, which has turned my life into one long night, seven times cursed and seven times sealed.” Elie Wiesel, a Holocaust survivor, wrote these words about his experiences in a Nazi concentration camp. History of the Holocaust will take you through the harrowing details of anti-Semitism, the power of the Nazi party, the persecution of European Jews and other groups, and the tremendous aftermath for everyone involved in World War II. You’ll explore the causes of the Holocaust, the experiences of Jews and other individuals during this time, and what has been done to combat genocide since WWII. “For the dead and the living, we must bear witness.”* Prerequisites: None

Course Name	Course Description
Home Exploration Projects	Home Exploration Projects is a semester-long, project-based adventure developed by Oxford Virtual Academy Teachers for upper elementary students. The class explores a variety of topics that will enhance student knowledge of home experiences and environments. Home Exploration Projects consists of seven units of study. Throughout the semester, students will explore home-based topics such as nutrition and kitchen, fitness and health, outdoor exploration, recycling, careers, hometown and a final all-encompassing project. Students are required to turn in one project for each unit of exploration. Each project will take approximately two to three hours to complete. For each unit, guided reflections will also be turned in for credit. Due to the project nature of this course, reflections are a vital part of the learning process as they support procedure and reinforce writing skills. Upon project completion, learning coaches will be required to submit project artifacts and reflections through the dropbox feature in the online course for each unit. To receive credit for each project, all required items must be uploaded and demonstrate mastery/competency of the topic investigation according to the provided rubric. Home Project Explorations is full of fun adventures that will fill students with knowledge and appreciation for their homes and the experiences within and around them! * Prerequisites: None
Home Life MS	In this course, students select from a number of fun, experiential learning projects that develop their skills. Activities may include cooking, crafts, sewing, home maintenance, family outings, photography, and genealogy.* Prerequisites: None
Home Renovations EL	This course will provide an avenue to put the skills upper elementary students have learned in Home Repair to use as they put into practice the technique and method for basic carpentry, hanging and finishing drywall, installing ceramic tile. Get hands dirty as you learn what it takes to renovate and maintain a home. * Prerequisites: Home Repairs * This course includes an optional learning experience. *
Home Renovations HS	This course will provide an avenue to put the skills students have learned in Home Repair to use as they put into practice the technique and method for basic carpentry, hanging and finishing drywall, installing ceramic tile. Get hands dirty as you learn what it takes to renovate and maintain a home. * Prerequisites: Home Repairs * This course includes an optional learning experience. *
Home Renovations MS	This course will provide an avenue to put the skills students have learned in Home Repair to use as they put into practice the technique and method for basic carpentry, hanging and finishing drywall, installing ceramic tile. Get hands dirty as you learn what it takes to renovate and maintain a home. * Prerequisites: Home Repairs * This course includes an optional learning experience. *
Home Repairs EL	This multidisciplinary course provides a truly hands on experience for upper elementary students interested in home repair. Students will learn basic skills necessary to maintain your home for a fraction of the cost of hiring someone to do it for you. In this class, the students will explore the different elements involved in residential construction and remodeling. There will be practical hands on application of many of the skills that we cover in class, i.e. basic carpentry, hanging and finishing drywall, installing ceramic tile.* Prerequisites: None* This course includes an optional learning experience.*
Home Repairs HS	This multidisciplinary course provides a truly hands on experience for students interested in home repair. Students will learn basic skills necessary to maintain your home for a fraction of the cost of hiring someone to do it for you. In this class, the students will explore the different elements involved in residential construction and remodeling. There will be practical hands on application of many of the skills that we cover in class, i.e. basic carpentry, hanging and finishing drywall, installing ceramic tile. * Prerequisites: None* This course includes an optional learning experience.*
Honors Algebra I	Algebra I continues the exploration of variables, function patterns, graphs, and equations. Students are expected to describe and translate graphic, algebraic, numeric, and verbal representations of relations and use those representations to solve problems. This course provides a solid foundation for further study in mathematics by helping students to develop computational, procedural, and problem solving skills.* Prerequisites: None
Honors Algebra II	In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students become proficient at solving equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. Additionally, introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. * Prerequisites: Algebra I
Honors English 10	In the English 10 Honors course, students examine the belief systems, events, and literature that have shaped the United States. They begin by studying the language of independence and the system of government developed by Thomas Jefferson and other enlightened thinkers. Next, they explore how the Romantics and Transcendentalists emphasized the power and responsibility of the individual in both supporting and questioning the government. Students consider whether the American Dream is still achievable and examine the Modernists' disillusionment with the idea that America is a land of opportunity. Reading the words of Frederick Douglass and the text of the Civil Rights Act, students look carefully at the experience of African Americans and their struggle to achieve equal rights. Students explore how individuals cope with the influence of war and cultural tensions while trying to build and secure their own personal identity. Finally, students examine how technology is affecting our contemporary experience of freedom: Will we eventually change our beliefs about what it means to be an independent human being. In this course, students analyze a wide range of literature, both fiction and nonfiction. They build writing skills by composing analytical essays, persuasive essays, personal narratives, and research papers. In order to develop speaking and listening skills, students participate in discussions and give speeches. Overall, students gain an understanding of the way American literature represents the array of voices contributing to our multicultural identity. * Prerequisites: English 9

Course Name	Course Description
Honors English 11	The English 11 Honors course asks students to closely analyze British literature and world literature and consider how we humans define and interact with the unknown, the monstrous, and the heroic. In the epic poems The Odyssey, Beowulf, and The Inferno, in Shakespeare's Tempest, in the satire of Swift, and in the rhetoric of World War II, students examine how the ideas of "heroic" and "monstrous" have been defined across cultures and time periods and how the treatment of the "other" can make monsters or heroes of us all. Reading Frankenstein and works from those who experienced the imperialism of the British Empire, students explore the notion of inner monstrosity and consider how the dominant culture can be seen as monstrous in its ostensibly heroic goal of enlightening the world. Throughout this course, students analyze a wide range of literature, both fiction and nonfiction. They build writing skills by composing analytical essays, persuasive essays, personal narratives, and research papers. In order to develop speaking and listening skills, students participate in discussions and give speeches. Overall, students gain an understanding of the way British and world literature represent the array of voices that contribute to our global identity. * Prerequisites: English 10
Honors English 9	Honors English 9 is a course that covers advanced literature study, reading, writing, and language. Students read literature from around the world, including the following genres: short story, poetry, memoir, autobiography, drama, and epic. They read examples of informational writing, such as a letter, Web site, magazine article, newspaper article, speech, editorial, and movie or book review. Along the way, they acquire and practice reading skills and strategies that are directly applicable to these literary and informational reading materials. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills. Select activities target text-handling skills and promote improved performance on commonly assessed literary analysis and response standards.* Prerequisites: None
Hospitality & Tourism IIA: Hotel and Restaurant Management	If you love working with people, a future in hospitality may be for you. In Part 1 of Hospitality and Tourism 2: Hotel and Restaurant Management, you will learn about what makes the hotel and restaurant industries unique. Learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Evaluate the environment for these businesses by examining their customers and their competition. As well, you will discover trends and technological advances that make each industry exciting and innovative. In Part 1, you can explore a variety of interesting job options from Front Desk and Concierge services to Maître d and food service. * Prerequisites: Hospitality & Tourism 1
Hospitality & Tourism IIB: Hotel and Restaurant Management	Building upon the prior prerequisite course, students will embark on their journey to becoming managers in the hotel and restaurant industry by gaining knowledge and developing a variety of skills. Students will learn of different management styles, laws, and regulations that govern hotels and restaurants as well as how to develop job descriptions and business plans. In addition, students will earn how to create menus, advertise vacancies, perform interviews, and understand financials of hotel or restaurant. * Prerequisites: Hospitality & Tourism II A
Hospitality & Tourism: Traveling the Globe	Think about the best travel location you've ever heard about. Now imagine working there. In the 21st century, travel is more exciting than ever, with people traversing the globe in growing numbers. Hospitality and Tourism: Traveling the Globe will introduce you to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around the world of leisure and travel, spotting trends, and planning tasteful events are just a few of the key aspects you will explore in this course as you locate your own career niche in this exciting field.* Prerequisites: None
Human and Social Services I: Introduction	Those working in the field of social services are dedicated to strengthening the economic and social well-being of others and helping them lead safe and independent lives. In Human and Social Services 1, you will explore the process of helping, body, mind, and family wellness, and how you can become a caring social service professional. If you are interested in an emotionally fulfilling and rewarding career and making a difference in the lives of others, social and human services may be the right field for you.* Prerequisites: None
Human Geography: Our Global Identity	Modern humans have been roaming the earth for about 200,000 years. How do the places we live influence the way we live? How do geography, weather, and location relate to our customs and lifestyles? In Human Geography: Our Global Identity, you will explore the diverse ways that different people have physically influenced the world around them and how they, in turn, are changed by their surroundings. Discover how beliefs and ideas spread through time, shaping and changing the cultures they encounter. In this course, you'll gain tremendous insight into human geography and begin to better understand the important relationship between humans and their environments.* Prerequisites: None
Human Resource Management 1A: Intro	Are you ready to step into a critical leadership role that oversees the development of every successful business' most valuable resource? In this course, you will wear the shoes of a Human Resource Management (HRM) professional and will learn how to build and manage a team to help a company reach its goals. You will also explore and perform some of the key responsibilities of a HRM professional: research, interviewing, reporting, recruiting, hiring, assessing employees, and more! Are you ready to help develop invaluable human resources that are the heart of a company and help your company thrive? Learn how to create a winning culture through human resources! * Prerequisites: None

Course Name	Course Description
Improv EL	This active, one semester multidisciplinary class will introduce students to the underlying support systems of short-form improvisation. They will practice teamwork and give and take, working within a structure creatively while developing the voice and body. Students will be exposed to artistic expression and technology infused throughout the course.* Prerequisites: None* This course includes an optional learning experience.*
Improv HS	This active, one semester class will introduce students to the underlying support systems of short-form improvisation. They will practice teamwork and give and take, working within a structure creatively while developing the voice and body. Objectives: to give students the opportunity to think on their feet and perform in front of others to create a space where students learn to better work with others to develop students' body and vocal awareness to actively engage students in the elements of story (setting, characters, conflict, plot, mood, resolution) to introduce improvisational theatre games. * Prerequisites: None * This course includes an optional learning experience. *
Improv MS	This active, one semester class will introduce students to the underlying support systems of short-form improvisation. They will practice teamwork and give and take, working within a structure creatively while developing the voice and body. Objectives: to give students the opportunity to think on their feet and perform in front of others to create a space where students learn to better work with others to develop student's body and vocal awareness to actively engage students in the elements of story (setting, characters, conflict, plot, mood, resolution) to introduce improvisational theatre games.* Prerequisites: None* This course includes an optional learning experience.*
Independent Study	In this course, students develop a semester-long project in a specific area of interest. Topics can include potential career exploration, service learning, or further development of an athletic or musical pursuit. The project involves weekly collaboration with both their work or field supervisor as well as their Oxford teacher. Learning experiences for qualified high school students that are not part of the regular course offerings. The student and teacher prepare a formal agreement outlining student and teacher expectations. A maximum of 1 credit is allowed toward graduation. * Prerequisites: Counselor Approval
Individual Sports Projects EL	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports Projects HS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations and may include archery, boxing, fencing, gyrokenesis, swimming, crossfit, tennis, yoga, and skating. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports Projects MS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations and may include archery, boxing, fencing, gyrokenesis, swimming, crossfit, tennis, yoga, and skating. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Archery Projects EL	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Archery Projects HS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Archery Projects MS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Crossfit 2 PJT EL	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Individual Sports: Crossfit 2 PJT HS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Crossfit 2 PJT MS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Crossfit PJT EL	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Crossfit PJT HS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Crossfit PJT MS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Fencing Projects EL	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Fencing Projects HS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Fencing Projects MS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Rock Climbing EL	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Rock Climbing HS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Rock Climbing MS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Individual Sports: Skating Projects EL	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Skating Projects HS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Skating Projects MS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Swimming Projects EL	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Swimming Projects HS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Swimming Projects MS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Tennis Projects EL	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Tennis Projects HS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Tennis Projects MS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Trampoline PJT EL	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Trampoline PJT HS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Individual Sports: Trampoline PJT MS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Yoga Projects EL	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Yoga Projects HS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Individual Sports: Yoga Projects MS	The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. * Prerequisites: None* This course includes an optional learning experience.*
Information Technology Applications	Information Technology Applications prepares students to work in the field of Information Technology. Students will be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets and database software. Through a series of hand-on activities, students will learn what to expect in the field of Information Technology and begin exploring career options in the field.Information Technology Applications is an introductory level Career and Technical Education course applicable to programs of study in information technology as well as other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue the Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel and Microsoft Access, as well as IC3 certification. * Prerequisites: None
Interior Design	Do you have a flair for designing and decorating? If so, then let’s learn how to turn your interests and skills into a career. Explore color, texture, trends, and styles over time, how homes are built, and “green” options for homes and businesses. Interior designers do it all—from planning the color scheme to choosing furniture and light fixtures—with the end goal of creating a space where people can live or work comfortably, safely, and happily. * Prerequisites: None
International Business: Global Commerce in the 21st Century	Imagine meeting with suppliers at an office in Europe while calling your salesroom that's back in Asia. Imagine investing in foreign markets and visiting partners in exotic locales. With the evolution of current technology, our world is more connected than ever before, and the business community today is larger than ever. International Business: Global Commerce in the 21st Century will demonstrate just how you can gain the knowledge, skills, and appreciation to live and work in the global marketplace. You will begin to understand how both domestic and international businesses are affected by economic, social, cultural, political, and legal factors and what it takes to become a true manager of a global business in the 21st century.* Prerequisites: None
Intro to Java Programming	Java is one of the most widely used computer languages in the world. This course will teach students Java by having them complete multiple projects, both in the console and user interface, including: mad libs, player vs computer games, battleship, tic tac toe, picture shuffler and many more. This is course is meant to give students lots of experience in Java by creating multiple stand alone programs. This course assumes no coding experience with Java programming and includes self graded quizzes and tests.* Prerequisites: None
Introduction to Artificial Intelligence	This course teaches what every student should know about Artificial Intelligence. AI is a fast-moving technology with impacts and implications for both our individual lives and society as a whole. In this course, students will get a basic introduction to the building blocks and components of artificial intelligence, learning about concepts like algorithms, machine learning, and neural networks. Students will also explore how AI is already being used, and evaluate problem areas of AI, such as bias. The course also contains a balanced look at AI's impact on existing jobs, as well as its potential to create new and exciting career fields in the future. Students will leave the course with a solid understanding of what AI is, how it works, areas of caution, and what they can do with the technology.* Prerequisites: None
Introduction to Business and Technology	Introduction to Business and Technology provides the foundational knowledge and skills students need for careers in business and technology. Throughout the course, students gain a knowledge of business principles and communication skills, an understanding of the impact of financial and marketing decisions, and proficiency in the technologies required by business. Students will also learn the essentials of working in a business environment, managing a business, and owning a business.This course allows students to explore careers in business and information technology while learning skills applicable to any professional setting. Through a variety of hands-on activities, students will engage with word processing, presentation, and spreadsheet software and explore operating systems, networking, and the Internet. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities of interest to them.Introduction to Business and Technology is a full-year introductory Career and Technical Education course applicable to programs of study in the Business, Management and Administration and Information Technology career clusters, as well as other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue certifications such as Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel and Microsoft Access, as well as IC3 certification. * Prerequisites: None

Course Name	Course Description
Introduction to Education & Teaching	This course is designed to prepare future educators for the classroom they will inherit! It starts with a history of education and how blended, adaptive, and personalized learning are coming to the forefront in learning. It then explores new and emerging technologies, along with their current and future impact on education. Throughout the course, students will explore a wide range of career possibilities in the education field and evaluate both the promises and pitfalls of technology in education. * Prerequisites: None
Introduction to Manufacturing: Product Design & Innovation	Think about the last time you visited your favorite store. Now picture the infinite number of products you saw. Have you ever wondered how those things made it to the shelves? Whether it's video games, clothing, or sports equipment, the goods we purchase must go through a manufacturing process before they can be marketed and sold. In Introduction to Manufacturing: Product Design and Innovation, you will learn about different types of manufacturing systems as well as career opportunities, including engineers, technicians, and supervisors. As a culminating project, you will plan your own manufacturing process and create an entirely original product! If you thought manufacturing meant mundane assembly lines, this course will show you how exciting, creative, and practical this industry can be. * Prerequisites: None
Introduction to Military Careers	Most of us have seen a war movie; maybe it had a hotshot aviator or a renegade private or a daring Special Forces operative. But outside of these sensationalized portrayals, do you really understand how the military works or what it can do for you? The military offers far more career diversity than most people imagine, and Introduction to Military Careers will provide the information you need to gain a broader understanding of how to find the right fit. You will learn about the five military branches' Force, Army, Coast Guard, Marines Corps, and Navy' examine which jobs you might like to pursue. From aviation, to medicine, to law enforcement, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment.* Prerequisites: None
Introduction to Renewable Technologies	Cars that run on used vegetable oil. Electricity produced from your garbage. A windmill made from spare bicycle parts that pumps water to crops. Energy is life. So, how do we address the growing concerns about energy sources? Where will it come from in the future? How can energy be something sustainable, renewable, and accessible? Introduction to Renewable Technologies begins to uncover the development of new energy technologies and explores how recent approaches to generating, storing, and creating this precious resource have evolved. By gaining a larger understanding of this challenge, we, as thoughtful people, can implement real change and unlock the solution needed for a safer, cleaner, and more enduring world.* Prerequisites: None
Investigating Careers	Investigating Careers gives students an overview of many career options and the education, training, and skills required for each. Career Paths include:Agriculture and Natural ResourcesArchitecture and ConstructionArts and CommunicationBusiness and AdministrationEducation and TrainingFinance and InsuranceGovernment and Public AdministrationHealth ScienceHospitality, Tourism, and RecreationHuman ServiceInformation TechnologyLaw and Public SafetyManufacturingRetail and Wholesale Sales and ServiceScientific Research, Engineering, and MathematicsTransportation, Distribution, and Logistics * Prerequisites: None
Japanese Culture EL	An exciting cross curricular exploration in the language and culture of Japan! Students will learn the basics of Japanese language and culture by exploring things as widely known as origami or as unknown and exciting as puppet theatre. Activities, songs, and film clips will be accompanied* Prerequisites: None* This course includes an optional learning experience.*
Japanese Culture HS	An exciting cross curricular exploration in the language and culture of Japan! Students will learn the basics of Japanese language and culture by exploring things as widely known as origami or as unknown and exciting as puppet theatre. Activities, songs, and film clips will be accompanied by basic grammar patterns and vocabulary to create a fun environment for learning Japanese. Languages like Japanese can seem daunting but in fact are rewarding languages that can be grasped with practice. The class will be conducted as an introduction to Japanese and thus not as intensive as a normal language course so students can "get their feet wet" so to speak, with a language such as Japanese.* Prerequisites: None* This course includes an optional learning experience.*
Japanese Culture MS	An exciting cross curricular exploration in the language and culture of Japan! Students will learn the basics of Japanese language and culture by exploring things as widely known as origami or as unknown and exciting as puppet theatre. Activities, songs, and film clips will be accompanied by basic grammar patterns and vocabulary to create a fun environment for learning Japanese. Languages like Japanese can seem daunting but in fact are rewarding languages that can be grasped with practice. The class will be conducted as an introduction to Japanese and thus not as intensive as a normal language course so students "can get their feet wet" so to speak, with a language such as Japanese. * Prerequisites: None* This course includes an optional learning experience.*
Journalism EL	Youth-generated, journalism fosters news literacy and creates a sense of community. Students at will enjoy this creative, exciting, and stimulating multidisciplinary course in as they create an authentic newspaper/letter, and capture their memories yearbook. As students are transformed into reporters and editors, they will become effective in layout and design strategies, use the key elements of successful journalism and gain project management skills. Aspects of newspapers are covered, including parts of a newspaper, writing an article, online newspapers, newspaper reading habits, and layout and design techniques. Yearbook areas combine facets of technology, photography, design and writing.* Prerequisites: None* This course includes an optional learning experience.*
Journalism HS	Youth-generated, journalism fosters news literacy and creates a sense of community. Students at will enjoy this creative, exciting, and stimulating multidisciplinary course in as they create an authentic newspaper/letter, and capture their memories yearbook. As students are transformed into reporters and editors, they will become effective in layout and design strategies, use the key elements of successful journalism and gain project management skills. Aspects of newspapers are covered, including parts of a newspaper, writing an article, online newspapers, newspaper reading habits, and layout and design techniques. Yearbook areas combine facets of technology, photography, design and writing.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Journalism I: Tell Your Story MS	Take your journalistic knowledge to the next level in Middle School Journalism I: Tell Your Story. In this course, you will learn how to format stories for different forms of news media, including print and on-air news, and hot to edit articles or newscasts for publication. You will also explore law and ethics in the media as well as first amendment rights for journalists. This course will also examine the historical development of journalism, the role of journalism and the media in society, and how the internet has dramatically changed the industry as we've always known it.* Prerequisites: Journalism I: Introduction MS
Journalism IA: Introduction	Are you a storyteller at heart? Are you always the first one to know what's going on at school or in your town and excited to share the latest breaking news? If so, you are the kind of person every online, print, and broadcast news outlet is searching, and Journalism I: Introduction is the perfect course for you! Explore the history of journalism and see how social media and the digital world has changed the way news media operates. Learn the basics of press law, as well as the code of ethics journalists, should follow. Finally, understand how to make your writing and speaking more powerful, and discover the importance of pictures and images when telling a story.* Prerequisites: None
Journalism IB: Investigating the Truth	If you want to turn your writing, photography, and collaborative skills into an exciting and rewarding career, Journalism I: Investigating the Truth is where to begin. Learn how to write a lead that grabs your readers, discover the roles of sources and how to interview them effectively, and explore the best options for researching your story in a digital world. You will also understand the role editors and producers play in the revision process, learn how to prepare your posts for publication, and how to follow the publication process from the flow of a work day to the layout of a newspaper or a news broadcast.* Prerequisites: Journalism I: Introduction
Journalism MS	Youth-generated, journalism fosters news literacy and creates a sense of community. Students at will enjoy this creative, exciting, and stimulating multidisciplinary course in as they create an authentic newspaper/letter, and capture their memories yearbook. As students are transformed into reporters and editors, they will become effective in layout and design strategies, use the key elements of successful journalism and gain project management skills. Aspects of newspapers are covered, including parts of a newspaper, writing an article, online newspapers, newspaper reading habits, and layout and design techniques. Yearbook areas combine facets of technology, photography, design and writing.* Prerequisites: None* This course includes an optional learning experience.*
Karate EL	In this multidisciplinary course, students will explore the martial art of karate. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master the techniques of karate and enjoy recreational sports. Goals include: develop and maintain a high level of physical fitness, develop positive attitudes and behaviors relating to physical and mental well-being, to develop knowledge and understanding of physical education concepts and develop skills needed to participate in lifelong physical activities.* Prerequisites: None* This course includes an optional learning experience.*
Karate HS	In this multidisciplinary course, students will explore the martial art of karate. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master the techniques of karate and enjoy recreational sports. Goals include: develop and maintain a high level of physical fitness, develop positive attitudes and behaviors relating to physical and mental well-being, to develop knowledge and understanding of physical education concepts and develop skills needed to participate in lifelong physical activities. * Prerequisites: None* This course includes an optional learning experience.*
Karate MS	In this multidisciplinary course, students will explore the martial art of karate. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master the techniques of karate and enjoy recreational sports. Goals include: develop and maintain a high level of physical fitness, develop positive attitudes and behaviors relating to physical and mental well-being, to develop knowledge and understanding of physical education concepts and develop skills needed to participate in lifelong physical activities. * Prerequisites: None* This course includes an optional learning experience.*
Keyboarding EL	The keyboarding course is appropriate for elementary students. The curriculum introduces new keys by rows where students first learn the middle row, then the top row and the bottom row of the keyboard. The content is designed with a strong focus on sight and high frequency words. This course assumes no keyboarding experience and will guide them through the keyboard. * Prerequisites: None
Keyboarding MS	The curriculum introduces new keys by rows where students first learn the middle row, then the top row and the bottom row of the keyboard. The content is designed with a strong focus on sight and high frequency words. This course assumes no keyboarding experience and will guide them through the keyboard. * Prerequisites: None
Language Arts 1	In first grade, beginning readers work to become fluent readers. Understanding phonemic awareness, comprehension, vocabulary and phonics.' second-semester course continues to teach students to attack new words using a variety of decoding and contextual strategies. Students are given daily opportunities to apply these skills to decodable and authentic texts. They are taught to think about what they read through a variety of guided reading strategies. In writing, students create increasingly complex compositions and improve their handwriting. The second-semester course continues to teach students to attack new words using a variety of decoding and contextual strategies. Students are given daily opportunities to apply these skills to decodable and authentic texts. They are taught to think about what they read through a variety of guided reading strategies. In writing, students create increasingly complex compositions and improve their handwriting.* Prerequisites: None
Language Arts 1 (Hybrid)	In this introduction to the world of the English Language, students will be introduced to reading and writing strategies. In class focus will be on phonics and reading strategies as well as handwriting. Students will develop skills starting at their academic level in order to allow progress and academic growth in an engaging manner. Students will be provided with a list of read aloud books. In the Charlotte Mason style, students will focus on quality books with rich stories and language.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Language Arts 100 (Hybrid)	Through a cross curricular and banded standards approach with History, students will read great classics like To Kill a Mockingbird, The Call of the Wild, and The Adventures of Tom Sawyer. These literary treasures will help your children's writing abilities, vocabulary, cultural literacy, and love and learning. They'll also stimulate thinking as your children encounter interesting ideas, characters, and situations. The Language Arts portion corresponds closely with the literature, offering a complete writing program that develops critical thinking skills, literary analysis, and creative writing.* Prerequisites: None* This course includes an optional learning experience.*
Language Arts 2	In second grade your student is introduced to all parts of the reading process. In the first semester, the student is given the opportunity to apply word attack skills to increasingly complex texts and build their oral and sight vocabularies through daily instruction. While practicing new skills, your student will take part in activities based on books he or she is reading. Your student will apply handwriting and grammar skills to daily journal entries as well as longer and more complex compositions. In the second-semester course, the student is given the opportunity to apply word attack skills to increasingly complex texts and build their oral and sight vocabularies through daily instruction. While practicing new skills, punctuation and increase comprehension, your student will take part in activities based on books he or she is reading. Your student will apply handwriting and grammar skills to daily journal entries as well as longer and more complex compositions.* Prerequisites: None
Language Arts 2 (Hybrid)	Through a cross curricular and banded standards approach with Social Studies, will enjoy learning with the "natural method." We include Instructions for multi-sensory approaches to teaching phonics, spelling, copy work, and a complete creative expression/pre-writing program. Literature covered includes: The Chalk Box Kid, The Paint Brush Kid, Third Grade Detectives #4, Cora Frear, Tippy Lemmey, Third Grade Detectives #10, Tornado, Jake Drake: Bully Buster, Secret Valley, The House on Walenska Street, The Littles, The Last Little Cat, Viking, Adventure, Marco Polo, Encyclopedia Brown, and Lumber Camp Library.* Prerequisites: None* This course includes an optional learning experience.*
Language Arts 3	Building on foundational reading skills, this course focuses on developing critical thinking and analytical skills. Students examine the author's purpose and point of view and practice comprehension and phonics skills through daily reading exercises. Students learn to structure and write complete sentences and then create paragraphs and longer compositions. Throughout the course, students create compositions by moving through the five stages of the writing process: planning, drafting, revising, editing, and publishing. Students continue to master the basic skills of writing with instruction in spelling, handwriting, grammar, and language usage. * Prerequisites: None
Language Arts 3 (Hybrid)	Through a cross curricular and banded standards approach, students study how history has a real impact on how we live today. Discover together that there are real historical answers to questions such as: Why did castles, knights and jousting tournaments fade away? Why do Americans use inches instead of centimeters? Why aren't there very many Kings and Queens in the world anymore? Why do children study Math and Science? Why do people from different cultures tend to view the world so differently? Go way beyond Europe. Our purpose is not simply to trace the roots of Western civilization, but to acquire an overview of how civilizations have developed all over the world. This means Europe, the Americas, Asia, the Middle East, Australia and Africa.* Prerequisites: None* This course includes an optional learning experience.*
Language Arts 4	Throughout the course, students are exposed to a wide array of fiction and nonfiction as they develop and apply their comprehension skills. They develop the tools to understand vocabulary presented through a variety of reading material and have the opportunity to read independently, as well as to create projects in response to self-selected books. After reviewing the five stages of the writing process, students create well-organized compositions aided by effective planning tools. The basic skills of writing are reinforced with instruction in spelling, handwriting, grammar, and language usage. Daily spelling activities give students opportunities to use spelling words in context.* Prerequisites: None
Language Arts 4 (Hybrid)	Through a cross curricular and banded standards approach with Social Studies, students work with weekly dictation exercises give opportunities to recognize and imitate good writing, while a variety of creative and unique writing assignments encourage them to explore various writing styles. Children learn advanced writing techniques such as varying sentence length, using active voice, creating authentic dialog and more.* Prerequisites: None* This course includes an optional learning experience.*
Language Arts 5	Students continue to develop their reading skills as they are introduced to novels and poetry. Critical thinking skills are intertwined with activities using novels in order to sharpen students' analytical abilities and research writing process. Reading comprehension instruction allows students to practice identifying main ideas and themes in any given reading passage. Students continue to develop their writing skills by focusing on structure, format, and grammar, with a concentration on crafting quality sentences, organizing paragraphs, writing summaries, and adding detail to writing. Grammar is included in this course to provide year-long exposure to the parts of speech and their functions.* Prerequisites: None
Language Arts 5 (Hybrid)	Through a cross curricular and banded standards approach with social studies, students will study grammar, writing mechanics, research writing and creative expression. Students will recognize and imitate good writing through dictation exercises, explore various writing styles through fun and diverse writing assignments, solidify their natural grasp of grammar and more. The cross curricular activities include: adventures of life overseas, and the study of the classics from our own culture. Get ready to: See cultures with new eyes as you walk with a young Tibetan girl from her homeland all the way to Calcutta. Students will read: The Horse and His Boy, one of C. S. Lewis' marvelous tales of Narnia, Shuffle behind Marjan, a disabled Persian girl, as she risks her life to collect stories for the Sultan's wife, who must tell him a new tale every night--or be killed. Students will get more glimpses into life in the Eastern Hemisphere through their Readers this year. They'll meet characters who inspire courage, curiosity, strength and lots of fun! After you meet one such character in Sadako and the Thousand Paper Cranes, your children will use the included paper to make their own authentic Japanese origami.* Prerequisites: None* This course includes an optional learning experience.*
Language Arts 6	In sixth grade, through the study of authors such as Elizabeth Partridge, Gary Soto, and Langston Hughes, students ponder such questions as “Is conflict always bad?”; “How do we decide who we are?”; and “How much do our communities shape us?” Short-term research engages students’ curiosity and critical-thinking skills. Students are encouraged to support their ideas with evidence as they practice narrative, informative, and persuasive writing. In the second semester, the student will continue to explore central questions in each unit. As he reads, analyzes, and interprets a variety of literature, he will ponder answers to questions such as: What makes a hero?, What can I learn from my mistakes?, and What makes a friend? The student will further develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self-select literature for independent reading. The student will strengthen his mastery of the writing process as he composes expository, creative, and research writing.* Prerequisites: None

Course Name	Course Description
Language Arts 6 (Hybrid)	In Sixth Grade, students gain the ability to create a story through the use of the narrative categories and variation through paraphrase. Students learn to demonstrate the truth of the Commonplace through what the ancient Greek writer Aphthonius calls “eight heads of development,” and students deal more explicitly and thoroughly with what in modern composition theory are referred to as “support points.” The ability to invent four specific types of narrative through these “heads of development” and to paraphrase in two specific ways are the foundational skills to be learned in this stage. * Prerequisites: None * This course includes an optional learning experience. *
Language Arts 7	In Language Arts 7, each unit focuses on a central question; the student will read, analyze, and interpret a variety of literature that informs his perspective about questions such as: How can I become who I want to be?, Who can I really count on?, and Who influences me and how do they do so? The student will develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self-select literature for independent reading and choose either The Watsons Go to Birmingham'3 or The Liberation of Gabriel King as his novel unit. The student will strengthen his mastery of the writing process as he composes personal, creative, and persuasive writing. In the second semester, the student will continue to explore central questions in each unit. As the student reads, analyzes, and interprets a variety of literature, he will ponder answers to questions such as: Is progress always good?, Why do people share their stories?, and What is a community? The student will further develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self-select literature for independent reading and choose either Dragonwings or Where the Mountain Meets the Moon as his novel unit. The student will strengthen his mastery of the writing process as he composes creative, descriptive, and research writing.* Prerequisites: None
Language Arts 7 (Hybrid)	Through a cross curricular and banded standards approach with Social Studies, students develop skills in grammar, writing mechanics, research writing and creative expression. Students will recognize and imitate good writing through dictation exercises, explore various writing styles through fun and diverse writing assignments, solidify their natural grasp of grammar and more.* Prerequisites: None* This course includes an optional learning experience.*
Language Arts 8	In Language Arts 8 A, each unit focuses on a central question; the student will read, analyze, and interpret a variety of literature that informs his perspective about questions such as: Which is more important, the journey or the destination?, What do you do when you don't know what to do?, and How do you stay true to yourself? The student will develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self-select literature for independent reading. The student will strengthen his mastery of the writing process and the six traits of writing as he composes personal, creative, and persuasive writing. In the second semester, the student will continue to explore central questions in each unit. As the student reads, analyzes, and interprets a variety of literature, he will ponder answers to questions such as: How do you keep from giving up when bad things happen?, What's worth fighting for? What's not?, and What is the American dream? The student will further develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self-select literature for independent reading and choose either The Giver or Ella Minnow Pea as his novel unit. The student will strengthen his mastery of the writing process and the six traits of writing as he composes creative, persuasive, and research writing.* Prerequisites: None
Language Arts 8 (Hybrid)	In 8th Grade, students actively engage in vocabulary, classical literature, mechanics, and descriptive essay writing. They will use all of the previous skills learned in the exercises—narrative, expository, and argumentative—but must now apply those skills in a more creative and natural way than the previous stages. * Prerequisites: None * This course includes an optional learning experience. *
Language Arts DK	Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional Kindergarten. Students explore rhyming words, story retelling, phonemic awareness, and reading highfrequency sight words. A variety of writing opportunities will be provided allowing students to explore with their peers and individually. Students will begin to print upper and lowercase letters. Students will begin learning to identify beginning, middle, and final sounds in words and defining syllables. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. * Prerequisites: None
Language Arts DK (Hybrid)	Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional Kindergarten. This course introduces students to letter identification, formation and sounds. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. * Prerequisites: None
Language Arts K	Students explore Rhyming words, story retelling, phonemic awareness, and reading high-frequency sight words. Writing styles include informative, opinion and narrative and students will begin to print upper and lowercase letters. Students will learn to identify beginning, middle, and final sounds in words and defining syllables.* Prerequisites: None
Language Arts K (Hybrid)	The Instructor's Guide includes Weekly Overviews to summarize lessons, skills and activities for each week, Instructions (Prompts) to help you teach a particular skill and present specific information to your children and Rubrics to help you evaluate assignments and measure progress quickly and easily. Also includes assignments and activities to teach phonics, spelling, creative expression, and writing mechanics. Handwriting Without Tears: Letters & Numbers for Me-This program offers extremely basic exercises in figureground discrimination and top-to-bottom, left-to-right sequencing. When it comes to forming letters it begins with all capitals. Why? Because, unlike the lower-case letters p, q, b, and d, the capital letters are all very easy to distinguish so your children don't mix them up!* Prerequisites: None* This course includes an optional learning experience.*
Language Projects EL	In a multidisciplinary structure, students learn how to apply language skills to their writing. Competent writing begins with understanding correct sentence structure, expands to paragraphs, and results in the enjoyment and satisfaction of well-written essays, reports, and letters, blogs, etc. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Language Projects HS	In a multidisciplinary structure, students learn how to apply language skills to their writing. Competent writing begins with understanding correct sentence structure, expands to paragraphs, and results in the enjoyment and satisfaction of well-written essays, reports, and letters, blogs, etc. Using modern technology as a resource we will teach students how to use their language skills well through the mediums of blogging, website creation, Facebook, Twitter and other social media.* Prerequisites: None* This course includes an optional learning experience.*
Language Projects MS	In a multidisciplinary structure, students learn how to apply language skills to their writing. Competent writing begins with understanding correct sentence structure, expands to paragraphs, and results in the enjoyment and satisfaction of well-written essays, reports, and letters, blogs, etc. Using modern technology as a resource we will teach students how to use their language skills well through the mediums of blogging, website creation, Facebook, Twitter and other social media.* Prerequisites: None* This course includes an optional learning experience.*
Latin I	Latin courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
Latin I MS	Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
Latin II	Latin courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. * Prerequisites: Latin I
Latin II MS	Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. * Prerequisites: MS Latin I
Law and Order: Introduction to Legal Studies	Imagine if there were no laws and people could do anything they wanted. It's safe to say the world would be a pretty chaotic place! Every society needs some form of regulation to ensure peace in our daily lives and in the broader areas of business, family disputes, traffic violations, and the protection of children. Laws are essential to preserving our way of life and must be established and upheld in everyone's best interest. In Law and Order: Introduction to Legal Studies, you'll delve deeper into the importance of laws and consider how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you will learn to appreciate the larger legal process and how it safeguards us all.* Prerequisites: None
Leadership EL	This introductory multidisciplinary leadership course prepares students to meet the challenges of leadership in today's complex global environment. Through course work and group interactions, younger students will learn the skills and best practices necessary to communicate and work with diverse groups of people.* Prerequisites: None* This course includes an optional learning experience.*
Leadership HS	This multidisciplinary course prepares students to meet the challenges of leadership in today's complex global environment. Through course work and group interactions, students will learn the skills and best practices necessary to communicate and work with diverse groups of people. Working toward common goals to implement beneficial societal changes in their community will be a key motivator for their leadership course .* Prerequisites: None* This course includes an optional learning experience.*
Learning in a Digital World: Strategies for Success	The digital world seems to change every day, and touch more of our lives. We use technology to communicate with friends and family, find never-ending entertainment options, follow our favorite sports teams and fashion trends, and do our school work. In Learning in a Digital World, you will get the tools to navigate this exciting and always changing world. Learn about real-world issues and how to solve real-world problems through interactive and hands-on assignments. Discover what it means to be a responsible digital citizen, expand your digital literacy, and become a successful online student. Consider the best ways to find, create, and share information, learn to maximize information and communication technologies, and explore digital content creation, from emails and blogs to social media, videos, and podcasts.* Prerequisites: None
Legal Admin Specialist IA: Intro	Do you picture yourself working in a law office or maybe even in a courtroom someday? A rewarding career as a legal administrator means you are responsible for the day-to-day operations in a law firm, and therefore, need to learn the fundamentals of law. You'll need to understand the specifics of researching, creating, processing, filing legal documents, and more. Jumpstart your career in law by learning what it takes to be a legal admin. * Prerequisites: None
Legal Admin Specialist IB: Taking Care of a Legal Office	Wherever your legal admin career takes you, understanding the responsibilities of a law office requires strict attention to detail, communication skills, office competence, and legal savvy. What does a legal admin need to know and what duties do they perform? How do confidentiality, cybersecurity, and client relations look different in a legal office? Learn the answers to these questions and so much more for this exciting career with endless opportunities to prove your value, learn, and grow. * Prerequisites: None
Liberal Arts Math	Liberal Arts Math 1 will revisit key concepts from Algebra 1 and incorporate concepts from Geometry to prepare you for your mathematical future. The course is delivered through text, interactives, and videos.* Prerequisites: Algebra I

Course Name	Course Description
Life Science MS	This course introduces eighth grade students to an integrated approach to physical, environmental, and life sciences. Students will study science concepts and problem solving while exploring a wide variety of aspects of the living and non-living world of science around them. Students will investigate important topics in histology (cells), heredity, the biology of living organisms, and finally, an introduction to meteorology. Students will be given the chance to identify cells and cell compounds, and describe the cell in its environment. Students will examine different types of meteorological processes that occur on Earth. The remainder of Science 8 Part 2 is comprised of topics involving geology, astronomy, and physics. Learners will examine different types of geological processes throughout Earth's history. Students will analyze the formation and composition of various planets and celestial bodies. Finally, students will examine categories of motion, forces, and energy.* Prerequisites: None
Life Skills EL	This multidisciplinary course will explore Social/Life skills. This course may include basic manners and skills for social situations and effective communication skills. Basic manners, sharing, communication skills, conversation skills, employment skills, listening to others, managing anger, and other skills necessary in relating to others in daily life may be covered. Activities that lead to a more productive life like cooking, cleaning, or grooming may be explored as needed. This course may also explore safety and first aid for home and the public. * Prerequisites: None * This course includes an optional learning experience.
Life Skills HS	This multidisciplinary course will explore Social/Life skills including basic manners and skills for social situations focused particularly on those kids who have difficulty in these areas. Basic manners, sharing, communication skills, conversation skills, employment skills, listening to others, managing anger, and other skills necessary in relating to others in daily life. Activities that lead to a more productive life like cooking, cleaning, grooming will be explored as needed. Students will be taught mnemonic devices to help them remember appropriate skills in key social situations. * Prerequisites: None * This course includes an optional learning experience.
Life Skills MS	This multidisciplinary course will explore Social/Life skills. This course may include basic manners and skills for social situations and effective communication skills. Basic manners, sharing, communication skills, conversation skills, employment skills, listening to others, managing anger, and other skills necessary in relating to others in daily life may be covered. Activities that lead to a more productive life like cooking, cleaning, or grooming may be explored as needed. This course may also explore safety and first aid for home and the public. * Prerequisites: None * This course includes an optional learning experience.
Life Skills: Navigating Adulthood	What do you want out of life? How do you achieve your dreams for the future? These can be difficult questions to answer, but with the right tools, they don't have to be. This course will encourage you to learn more about yourself and help you to prepare for the future. You will explore goal setting, decision making, and surviving college and career. You will also discover how to become a valuable contributing member of society. Now is the time to take action. It's your life, make it count! * Prerequisites: None
Literature Projects EL	This multidisciplinary class aims to introduce students to literary terms, evaluation, and discussion while reading a variety of enjoyable books. The goal of the reading list is for students to be challenged in how they process what they read and will also analyze literary styles, genres, and characters. Students will participate in discussions both in person and in the online environment in order to challenge each other to defend or support a position, collaborate with their peers, explore, create and wonder.* Prerequisites: None* This course includes an optional learning experience.*
Literature Projects HS	This multidisciplinary class aims to introduce students to literary terms, evaluation, and discussion while reading a variety of enjoyable books. The goal of the reading list is for students to be challenged in how they process what they read and will also analyze literary styles, genres, and characters. We will use digital tools to find, organize, analyze, synthesize, and evaluate information. Students will participate in discussions both in person and in the online environment in order to challenge each other to defend or support a position, collaborate with their peers, explore, create and wonder. These skills are necessary for college readiness.* Prerequisites: None* This course includes an optional learning experience.*
Literature Projects MS	This multidisciplinary class aims to introduce students to literary terms, evaluation, and discussion while reading a variety of enjoyable books. The goal of the reading list is for students to be challenged in how they process what they read and will also analyze literary styles, genres, and characters. We will use digital tools to find, organize, analyze, synthesize, and evaluate information. Students will participate in discussions both in person and in the online environment in order to challenge each other to defend or support a position, collaborate with their peers, explore, create and wonder. These skills are necessary for college readiness.* Prerequisites: None* This course includes an optional learning experience.*
Logic Projects EL	In this introductory logic class, through a multidisciplinary approach, students will explore the art of logic in ways that all students can understand. Students will examine common errors in reasoning as well as propaganda techniques. Students will also complete exercises in logic using deductive thinking skills.* Prerequisites: None* This course includes an optional learning experience.*
Logic Projects HS	In this introductory logic class, through a multidisciplinary approach, students will explore the art of logic in ways that all students can understand. Students will examine common errors in reasoning as well as propaganda techniques. Students will also complete exercises in logic using deductive thinking skills.* Prerequisites: None* This course includes an optional learning experience.*
Logic Projects MS	In this introductory logic class, through a multidisciplinary approach, students will explore the art of logic in ways that all students can understand. Students will examine common errors in reasoning as well as propaganda techniques. Students will also complete exercises in logic using deductive thinking skills.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Lower EL Science (Hybrid)	Elemental Science explores the study of science through texts, workbooks, supplemental reading resources and hands-on experiments at all levels of study. Elemental Science Biology provides a first look at the living world, animals, the human body, and plants. Elemental Science Earth Science explores our planet and our solar system. Elemental Science Chemistry explores the study of matter, the periodic table, physical and chemical changes, solutions, acids, and bases, plus a bit of organic chemistry. Elemental Science Physics provides a first look at motion, forces, energy, and more. * Prerequisites: None * This course includes an optional learning experience. *
Lower EL Social Studies (Hybrid)	Story of the World explores multiple time eras in chronological fashion via texts, activity books, supplemental literature readings, map activities, coloring pages and projects that explore history, art and science. Lower elementary includes: Story of the World Ancient Times (Volume 1) explores the periods of Egyptian, Sumarian, Jewish, Babylonian, Assyrian, Indian, Chinese, African, Egyptian, Phoenician, Greek, Persian, Native American, Roman, Christian, Celt, and Barbarian history. Story of the World Middle Ages (Volume 2) explores the periods of the “Dark Ages,” from the fall of Rome through the Renaissance. * Prerequisites: None * This course includes an optional learning experience. *
Lower MS Science (Hybrid)	At the middle school level, all areas of study expand on the elementary topics by digging deeper for extended understanding. Elemental Science Biology explores the study of plants, animal life, and the human body. Elemental Science Earth Science takes students through a study of the key facts of earth science and astronomy. Elemental Science Chemistry leads the middle school student through a study of the key facts of chemistry and explores the study of matter, the periodic table, physical and chemical changes, solutions, acids, and bases, plus a bit of organic chemistry. Elemental Science Physics student through a study of forces and motion. * Prerequisites: None * This course includes an optional learning experience. *
Lower MS Social Studies (Hybrid)	Story of the World explores multiple time era in chronological fashion via texts, activity books, supplemental literature readings, map activities, and projects that explore history, art and science. Lower middle school includes: Story of the World Ancient Times (Volume 1) explores the periods of Egyptian, Sumarian, Jewish, Babylonian, Assyrian, Indian, Chinese, African, Egyptian, Phoenician, Greek, Persian, Native American, Roman, Christian, Celt, and Barbarian history. Story of the World Middle Ages (Volume 2) explores the periods of the “Dark Ages,” from the fall of Rome through the Renaissance. Story of the World Early Modern Times (Volume 3) covers Japanese warlords, colonies in the “New World”, spread of slavery, the “Sun King” of France, English in India, imperialist China, revolutionary war, Captain Cook’s explorations, age of industrialism in Europe, Napoleon, French Revolution, Lewis & Clark, Mexican independence, Africa and colonialism, the Opium Wars, and the Gold Rush. Story of the World Modern Times (Volume 4) explores some of the major people, places and events in world history, from 1850 to 1994. Some highlights include: the Crimean war, the American Civil War, the Second Reich, the Japan’s Meiji restoration, the Suez Canal, the Boers, Western expansion in the U.S., the Boxer Rebellion in China, the Mexican Revolution, the rise of Joseph Stalin, Hitler’s rise to power, the Holocaust, the Atom bomb, the partitioning of Palestine, the Cold War, the Vietnam War, Chernobyl, and the end of Communism. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Marine Science: Secrets of the Blue	Have you ever wondered about the secrets of the deep and the creatures below the ocean's surface? It is truly a new frontier of discovery. Begin to better understand the aquatic cycles, structures, and processes that generate and sustain life in the sea. You'll use scientific inquiry, research, and problem-solving to conduct various scientific procedures and become a more capable marine scientist.
Market Literacy EL	In this class, we will explore the principles of the economy, how the market works, and its impact on our everyday life. We will delve into investing and entrepreneurship. How can we make our money work for us? We will explore production, consumption and the transfer of wealth via designing a business plan and marketing it to create wealth. We will also explore the psychology of financial decision making, buyer's remorse and purchase anxiety, as well as the historical and geographical aspects of poverty and the multiplier effects. * Prerequisites: None * This course includes an optional learning experience. *
Market Literacy HS	In this class, we will explore the principles of the economy, how the market works, and its impact on our everyday life. We will delve into investing and entrepreneurship. How can we make our money work for us? We will explore production, consumption and the transfer of wealth via designing a business plan and marketing it to create wealth. We will also explore the psychology of financial decision making, buyer's remorse and purchase anxiety, as well as the historical and geographical aspects of poverty and the multiplier effects.* Prerequisites: None* This course includes an optional learning experience.*
Market Literacy MS	In this class, we will explore the principles of the economy, how the market works, and its impact on our everyday life. We will delve into investing and entrepreneurship. How can we make our money work for us? We will explore production, consumption and the transfer of wealth via designing a business plan and marketing it to create wealth. We will also explore the psychology of financial decision making, buyer's remorse and purchase anxiety, as well as the historical and geographical aspects of poverty and the multiplier effects.* Prerequisites: None* This course includes an optional learning experience.*
Marketing Foundations IA: Introduction	Introduce your students to the fast-paced and exciting world of marketing! Students will learn about the role of marketing in business in addition to the basics of business management, customer service, and economics. Furthermore, students will examine how to identify target markets, perform market research, and develop successful marketing strategies. Finally, the legal and ethical considerations of business and marketing are discussed along with the impact of government on business. * Prerequisites: None
Marketing Foundations IB: Building Your Base	Building on the prior, prerequisite course, you will dive deeper into the marketing world with real world applications and practices. Engage with the marketing mix by studying understanding branding, advertising, promotion strategies, and more. Learn about effective sales techniques and discover employment opportunities to pursue a career in this exciting field! * Prerequisites: Marketing Ia: Introduction
Marketing IIA: Global Business & Trade	Can you think of a brand that first launched in the U.S. and then became popular in other countries? Facebook™ did this very thing! Without a solid understanding of business and international marketing strategy, it becomes nearly impossible to be successful and stand out from the crowd. In this course, you'll find out how business and marketing works around the world! You'll learn about topics such as regulations, market research, marketing plans, global trends, buying and selling internationally, and more! * Prerequisites: Marketing Ia: Introduction
Marketing IIB: Developing a Sales Team	How does a business make money? If you said sales, then you're right! This course explores the secrets to sales. You'll learn expectations, best practices, sales planning, building a clientele that becomes long-term buyers, and how to stay motivated to sell, sell, sell! If sales management is your goal, you'll learn about management styles, how to find, hire, train, motivate, and compensate your team. * Prerequisites: Marketing Ia: Introduction
Math 1	This course covers extending sequences and continues place value studies from kindergarten. Students learn to compare numbers and begin mental math concepts. Addition and subtraction continue using multiple digits, regrouping, and estimating. Multidimensional shapes are added along with measurement. Students learn to tell time and are introduced to table and charts.* Prerequisites: None
Math 1 (Hybrid)	Students will expand their understanding of counting, single digit addition and subtraction, skip counting, geometric shapes, and telling time. Students will also be introduced to commutative and associative properties of addition, measurement and solving for an unknown. * Prerequisites: None * This course includes an optional learning experience. *
Math 2	This course covers more advanced word problems and multiplication is taught. Students continue to work on time, measurement, fractions and begin learning about money and its mathematical applications. The skills taught in 1st grade continue and properties of mathematical operations are added.* Prerequisites: None
Math 2 (Hybrid)	Students will expand on skip counting and adding/subtract two-digit numbers, explore measurement, and perimeter/area. Other topics include money, time, identify geometric solids, lines of symmetry, and angles. This course also introduces multiplication and fractions. * Prerequisites: None * This course includes an optional learning experience. *
Math 3	This course covers core mathematics concepts, including place value, rounding, estimation, word problems with addition and subtraction, the properties of multiplication, probability, measurement, shapes, patterns, decimals, and comparing fractions. These topics include skills that are necessary to build a foundation in geometry, algebra, trigonometry, and real-world problem solving. Semester 2 covers core mathematics concepts, including place value, rounding, estimation, word problems with addition and subtraction, the properties of multiplication, probability, measurement, shapes, patterns, decimals, and comparing fractions. These topics include skills that are necessary to build a foundation in geometry, algebra, trigonometry, and real-world problem solving.* Prerequisites: None

Course Name	Course Description
Math 3 (Hybrid)	Math 3 explore shapes, skip-count by whole numbers, compare and order numbers, identify ordinal position to the twentieth, identify and complete patterns, add and subtract multidigit numbers, divide by single-digit divisors, add positive and negative numbers, picture, name, and order fractions, add and subtract fractions with common denominators, understand and calculate measurements, compare and measure mass, identify function rules, graph ordered pairs on a coordinate graph, identify angles, identify lines of symmetry. * Prerequisites: None * This course includes an optional learning experience. *
Math 4	This course expands on many third grade core mathematics concepts as well as introducing new concepts. These concepts include place value, reading and writing whole numbers, comparing numbers, ordering numbers, word problems with addition, subtraction, multiplication and division, rounding and estimating, counting and making change with money, factors and multiples, telling time and calculating elapsed time, measurement, 2-D and 3-D shapes, various graphs and diagrams, probability, adding, subtracting, multiplying, converting, and ordering fractions and decimals, completing function tables, and solving inequalities. They will also recognize, reproduce, extend, create and describe patterns. These topics include skills that are necessary to build a foundation in geometry, algebra, trigonometry, statistics, calculus, and real world problem solving.* Prerequisites: None
Math 4 (Hybrid)	This course includes word problems, Roman Numerals, elapsed time, inverse operations, multiplying two and three-digit numbers, mixed number and improper fractions, fractions/decimals/percents, geometry and measurement, division with two and three-digit numbers, estimating perimeter/area/volume, and probability. * Prerequisites: None * This course includes an optional learning experience. *
Math 5	This course will help students learn mathematical building blocks that will be used throughout their upcoming math courses. Students enrolled in this course will learn about place value, addition and subtraction of whole numbers and decimals, and multiplication of whole numbers and decimals. Other topics include multiplication of variables and expressions, division number sense, division of whole numbers and decimals, divisibility, and prime and composite numbers. Students will also learn metric and customary units. As the students progress through the course, they will also learn some algebra concepts and will study graphing and probability.* Prerequisites: None
Math 5 (Hybrid)	In Math 5, students will explore word problems, add/subtract/multiply/divide whole numbers/decimals/fractions/mixed numbers, equivalent fractions, convert between fractions/decimals/percents, estimation, variables/expressions/equations, geometry and measurement, probability, negative numbers and exponents. * Prerequisites: None * This course includes an optional learning experience. *
Math 6	This course will build a solid foundation in mathematics by exploring topics such as decimals, fractions, expressions, equations, graphing, measurement, and statistics. This course will introduce students to ratios, percents, and geometry and will also teach students how to collect and interpret data and display their findings through graphs. Students will learn to recognize patterns and how to work with variables. Prime numbers, factoring, and divisibility rules will be covered as well, and students will work with adding, subtracting, multiplying, and dividing fractions. This course includes discussions of ratios and solving proportions. Geometry concepts such as triangles, angels, perimeter, and area will also be covered. As the course progresses, students will learn about circles, 3-D figures, and finding surface area and volume of different prisms. Finally, students will explore graphing and how integers are used in real-world situations.* Prerequisites: Math 5
Math 6 (Hybrid)	Math 6 builds on materials taught in Math 5 while introducing functions and coordinate graphing, integers, exponential expressions, and prime factorization. Students will explore the order of operations, number lines, decimal place value, how to find the percent of a number, how to round decimal numbers, and attributes of geometric solids. Students will also expand their understanding of fractions, measurement, area, perimeter, volume, ratio, and unit conversion. * Prerequisites: None * This course includes an optional learning experience. *
Math 7	Students will work with decimals, equations, exponents, factors, fractions, integers, inequalities, proportions, rates, and ratios. In addition, students will add, subtract, multiply, and divide fractions. They will learn to solve one and two-step algebraic equations, and will use proportions to solve real-world problems. Students can utilize videos, games, and practice problems to help emphasize key concepts, building a solid foundation in mathematics by exploring topics that include geometric concepts and graphing. The geometry discussion will include lines, rays, segments, angles, triangles, quadrilaterals, circles, irregular figures, prisms, and cylinders. During the graphing component of the course, students will work with functions and patterns and will graph linear equations.* Prerequisites: Math 6
Math 7 (Hybrid)	Covers fractions, decimals, percents, geometry, area, volume, ratio, proportion, exponents, scientific notation, signed numbers, algebraic terms, 2-step equations and inequalities, slope, graphing, square roots, and the Pythagorean Theorem. * Prerequisites: None * This course includes an optional learning experience. *
Math 8	Math 8 is designed to provide practice in the fundamentals of solving problems arithmetically, graphically and algebraically. Basic concepts in algebra are reviewed early and practiced throughout the year. Students will reinforce arithmetic operations of real numbers through a variety of instructional techniques. Topics include fractions, number manipulation, integers, algebra expressions and equations, graphs, and basic geometry and statistics.* Prerequisites: Math 7
Math 8 (Hybrid)	This course bridges the gap from basic math skills to algebraic concepts. Included concepts are evaluation and simplification of algebraic expressions, solving linear equations with one unknown, graphs, statistics, probability, and some geometric calculations. * Prerequisites: None * This course includes an optional learning experience. *
Math DK	Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional Kindergarten. This course explores concepts of numeracy and counting. Students will begin to explore shapes, colors, number order, comparing numbers, values, money and time. Operations of addition and subtraction will be introduced. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. * Prerequisites: None

Course Name	Course Description
Math DK (Hybrid)	Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional Kindergarten. This course explores concepts of numeracy and counting. Students will begin to explore shapes, colors, number order, comparing numbers, values, money and time. Operations of addition and subtraction will be introduced. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. * Prerequisites: None
Math K	This course covers counting to 100 and comparing numbers. Students learn to identify place values, classifying numbers, money and time. Addition and subtraction are taught using word problems and shapes are taught utilizing identifying traits and descriptions.* Prerequisites: None
Math K (Hybrid)	Students will learn how to write numerals and basic counting. Additionally, students will be introduced to addition and subtraction, skip counting, geometric shapes, and telling time. * Prerequisites: None * This course includes an optional learning experience. *
Mathematical Models	Broadening and extending the mathematical knowledge and skills acquired in Algebra I, the primary purpose of this course is to use mathematics as a tool to model real-world phenomena students may encounter daily, such finance and exponential models. Engaging lessons cover financial topics, including growth, smart money, saving, and instalmentloan models. Prior mathematical knowledge is expanded and new knowledge and techniques are developed through real-world application of useful mathematical concepts. * Prerequisites: Algebra I
Media Literacy	Media Literacy teaches students how to build the critical thinking, writing, and reading skills required in a media-rich and increasingly techno-centric world. In a world saturated with media messages, digital environments, and social networking, concepts of literacy must expand to include all forms of media. Today's students need to be able to read, comprehend, analyze, and respond to non-traditional media with the same skill level they engage with traditional print sources.A major topic in Media Literacy is non-traditional media reading skills, including how to approach, analyze, and respond to advertisements, blogs, websites, social media, news media, and wikis. Students also engage in a variety of writing activities in non-traditional media genres, such as blogging and podcast scripting.Students consider their own positions as consumers of media and explore ways to use non-traditional media to become more active and thoughtful citizens. Students learn how to ask critical questions about the intended audience and underlying purpose of media messages, and study factors which can contribute to bias and affect credibility.This course is built to state standards and informed by The National Association for Media Literacy Education's Core Principles of Media Literacy Education. * Prerequisites: None
Medical Assisting 1A: Intro	It takes a strong team to offer top-notch patient care, and each team member plays in integral role. Are you a team player interested in coordinating patient care? Then a career as a medical assistant may be right for you! In this course, you will acquire medical terminology, investigate anatomy and physiology, learn keys to professionalism in an office setting, and explore office roles while building a professional portfolio. Let's learn what it takes to fill the important shoes of a medical assistant today! * Prerequisites: None
Medical Office Administration 1A: Intro	Caring for a patient takes more than a medical degree: it takes a team! In this course, you will build your knowledge of medical terminology, medical office processes, the technology that keeps an office humming, and the laws that keep it operating ethically. You'll also explore different office roles all while building the beginnings of a portfolio. Let's march through the waiting room and throw open the doors to a career as a Medical Office Admin today! * Prerequisites: None
Medical Terminology IA: Introduction	Learning the language is essential for careers in health science. Join word parts to form medical terms, associations within body systems, and better communicate with colleagues and patients. Build your proficiency and confidence with this course and prepare yourself for a career in health sciences.* Prerequisites: None
Medical Terminology IB: Discovering Word Foundations	Adding on the prior prerequisite course, discover the medical terminology associated with even more body systems to increase your ability to master prefixes, suffixes, and roots. Connect this language to real world patients and clinical settings through practical applications and specific scenarios. Launch your health knowledge with detailed medical terms! * Prerequisites: None
Michigan Cultures EL	In this multidisciplinary course, students will be learning through technology, the geography of Michigan including the Great Lakes. They will learn the causes and participants of the Indian War. Major and minor Indian tribes, Michigan's inventions, statehood, famous people, industry, and explore the various cultures that created the great state of Michigan.* Prerequisites: None* This course includes an optional learning experience.*
Michigan Cultures HS	In this multidisciplinary course, students will be learning through technology, the geography of Michigan including the Great Lakes, major waterways and trade routes. They will learn the causes and participants of the French & Indian War, the Indian Uprising, and the War of 1812. Major and minor Indian tribes, Marquette & Jolliet, the Great Fire of 1881, Michigan's Underground Railroad, Edison's life and inventions, statehood, and mining in the U.P. will also be included in this class.* Prerequisites: None* This course includes an optional learning experience.*
Michigan Cultures MS	In this multidisciplinary course, students will be learning through technology, the geography of Michigan including the Great Lakes, major waterways and trade routes. They will learn the causes and participants of the French & Indian War, the Indian Uprising, and the War of 1812. Major and minor Indian tribes, Marquette & Jolliet, the Great Fire of 1881, Michigan's Underground Railroad, Edison's life and inventions, statehood, and mining in the U.P. will also be included in this class. * Prerequisites: None* This course includes an optional learning experience.*
Modern Alchemy Applied EL	This multidisciplinary course explores the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents. Students will journey through the study surrounding a chosen pathway of interest. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Modern Alchemy Applied HS	This multidisciplinary course explores the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents. Students will journey through the study surrounding a chosen pathway of interest.* Prerequisites: None* This course includes an optional learning experience.*
Modern Alchemy Applied MS	This multidisciplinary course explores the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents. Students will journey through the study surrounding a chosen pathway of interest.* Prerequisites: None* This course includes an optional learning experience.*
Modern Alchemy EL	This multidisciplinary course for younger students explore the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents.* Prerequisites: None* This course includes an optional learning experience.*
Modern Alchemy HS	This multidisciplinary course explores the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents.* Prerequisites: None* This course includes an optional learning experience.*
Modern Alchemy MS	This multidisciplinary course explores the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents.* Prerequisites: None* This course includes an optional learning experience.*
Money Management EL	Money Management is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing.* Prerequisites: None* This course includes an optional learning experience.*
Money Management HS	Money Management is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions.* Prerequisites: None* This course includes an optional learning experience.*
Money Management MS	Money Management is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions.* Prerequisites: None* This course includes an optional learning experience.*
Multimedia EL	This class will allow students to combine mediums in four major units. Students will strengthen their design skills and learn about layering techniques. The major units may include, Pastels and Charcoal, Computer Images and Colored Pencils or Markers, Collage, Watercolor Painting and found objects.* Prerequisites: None* This course includes an optional learning experience.*
Multimedia HS	This class multidisciplinary art/tech class will allow students to combine mediums in four major units. Students will strengthen their design skills and learn about layering techniques. The major units may include, Pastels and Charcoal, Computer Images and Colored Pencils or Markers, Collage, Watercolor Painting and found objects.* Prerequisites: None* This course includes an optional learning experience.*
Multimedia MS	This class multidisciplinary art/tech class will allow students to combine mediums in four major units. Students will strengthen their design skills and learn about layering techniques. The major units may include, Pastels and Charcoal, Computer Images and Colored Pencils or Markers, Collage, Watercolor Painting and found objects.* Prerequisites: None* This course includes an optional learning experience.*
Music 1	Elementary Music is an introductory music class at Oxford Virtual Academy. As children progress through this online course, they will have many enjoyable experiences in music and the opportunity to learn and develop a variety of music-related skills. Through singing, playing, dancing, reading, and exploring interactive materials, students will experience the various elements of music in addition to the various styles and genres of music and how music plays a role in our society. They will have opportunities to share performances and compositions with their peers, discover new technologies to explore music, read music and musical literature, and explore their creativity to become the innovative leaders of tomorrow. * Prerequisites: None

Course Name	Course Description
Music 2	Elementary Music is an introductory music class at Oxford Virtual Academy. As children progress through this online course, they will have many enjoyable experiences in music and the opportunity to learn and develop a variety of music-related skills. Through singing, playing, dancing, reading, and exploring interactive materials, students will experience the various elements of music in addition to the various styles and genres of music and how music plays a role in our society. They will have opportunities to share performances and compositions with their peers, discover new technologies to explore music, read music and musical literature, and explore their creativity to become the innovative leaders of tomorrow. * Prerequisites: None
Music 3	Elementary Music is an introductory music class at Oxford Virtual Academy. As children progress through this online course, they will have many enjoyable experiences in music and the opportunity to learn and develop a variety of music-related skills. Through singing, playing, dancing, reading, and exploring interactive materials, students will experience the various elements of music in addition to the various styles and genres of music and how music plays a role in our society. They will have opportunities to share performances and compositions with their peers, discover new technologies to explore music, read music and musical literature, and explore their creativity to become the innovative leaders of tomorrow. * Prerequisites: None
Music 4	Elementary Music is an introductory music class at Oxford Virtual Academy. As children progress through this online course, they will have many enjoyable experiences in music and the opportunity to learn and develop a variety of music-related skills. Through singing, playing, dancing, reading, and exploring interactive materials, students will experience the various elements of music in addition to the various styles and genres of music and how music plays a role in our society. They will have opportunities to share performances and compositions with their peers, discover new technologies to explore music, read music and musical literature, and explore their creativity to become the innovative leaders of tomorrow. * Prerequisites: None
Music 5	Elementary Music is an introductory music class at Oxford Virtual Academy. As children progress through this online course, they will have many enjoyable experiences in music and the opportunity to learn and develop a variety of music-related skills. Through singing, playing, dancing, reading, and exploring interactive materials, students will experience the various elements of music in addition to the various styles and genres of music and how music plays a role in our society. They will have opportunities to share performances and compositions with their peers, discover new technologies to explore music, read music and musical literature, and explore their creativity to become the innovative leaders of tomorrow. * Prerequisites: None
Music 6	In Music 6, students express ideas and creativity through music. Students apply music terminology to different instrument groups and learn to read music. Additionally, students discuss different forms of music and popular songs within Western and worldwide music.* Prerequisites: None
Music 7	In Music 7, students explore the history, development, and attributes of American music. They will learn music theory and music reading skills, which are presented and reinforced within the context of historical musical works. Students interpret sheet music that represents various genres of American music. Additionally, students practice performing music vocally and with a pitched instrument.* Prerequisites: None
Music 8	In Music 8, students are introduced to a variety of music genres and instruments. They explore the concepts of rhythm, melody, timbre, texture, dynamics, form, and rhythm, and they learn to sight read music. Students listen to various examples of songs to interpret performances, and they compose and perform their own song.* Prerequisites: None
Music Appreciation: The Enjoyment of Listening	Have you ever heard a piece of music that made you want to get up and dance? Cry your heart out? Sing at the top of your lungs? Whether pop, classical, or anything in between, music provides a powerful way for people to celebrate their humanity and connect with something larger than themselves. Music Appreciation: The Enjoyment of Listening not only will provide a historical perspective on music from the Middle Ages to the 21st century, but it will also teach you the essentials of how to listen and really hear (with a knowledgeable ear) the different music that'll around you. Learning how to truly appreciate sound and melody is the best way to ensure a continued love of this delightful art form.* Prerequisites: None
Music Exploration MS	What comes to mind when you hear the word ‘music’? Do you think about your favorite band or artist? Do you think about instruments and scales and chords? The word ‘music’ means something different to everyone. This is why in Exploring Music there is a little bit of something for everyone! You will learn about how we hear music and how music affects our lives. You will explore important elements of music like rhythm, pitch, and harmony, as well as different musical genres. You will discover more about your singing voice and musical instruments and composition while taking in the history and culture of music over the years. Tune up your understanding and appreciation for all things music by signing up for this course!* Prerequisites: None
Music K	Elementary Music is an introductory music class at Oxford Virtual Academy. As children progress through this online course, they will have many enjoyable experiences in music and the opportunity to learn and develop a variety of music-related skills. Through singing, playing, dancing, reading, and exploring interactive materials, students will experience the various elements of music in addition to the various styles and genres of music and how music plays a role in our society. They will have opportunities to share performances and compositions with their peers, discover new technologies to explore music, read music and musical literature, and explore their creativity to become the innovative leaders of tomorrow. * Prerequisites: None
Music Projects - Drums EL	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Music Projects - Drums HS	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *
Music Projects - Drums MS	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *
Music Projects - Piano EL	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *
Music Projects - Piano HS	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *
Music Projects - Piano MS	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *
Music Projects - Violin EL	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *
Music Projects - Violin HS	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *
Music Projects - Violin MS	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *
Music Projects EL	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *
Music Projects HS	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *
Music Projects MS	In this multidisciplinary course students will experience a wonderful adventure in the music of the world! Students may learn about different instruments from other cultures. We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal. Instrument focus may include; piano, violin, drums. Students will also use technology in studying music. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Mythology and Folklore	Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years. Mythology and Folklore: Legendary Tales will illustrate how these famous anecdotes have helped humans make sense of the world. Beginning with an overview of mythology and different types of folklore, you will journey with age-old heroes as they slay dragons, outwit gods, defy fate, fight endless battles, and outwit clever monsters with strength and courage. You'll explore the universality and social significance of myths and folklore and see how these powerful tales continue to shape society even today.* Prerequisites: None
Mythology EL	This course multidisciplinary course is a survey of the major myths of Greek, Roman, and Norse antiquity, including the appropriate gods, heroes and heroines, and the stories these cultures told about them. Within the course, students examine the nature and social function of mythology. A particular focus of the course is the legacy of mythology in modern literature and popular culture.* Prerequisites: None* This course includes an optional learning experience.*
Mythology HS	This multidisciplinary course is a survey of the major myths of Greek, Roman, and Norse antiquity, including the appropriate gods, heroes and heroines, and the stories these cultures told about them. Within the course, students examine the nature and social function of mythology. A particular focus of the course is the legacy of mythology in modern literature and popular culture.* Prerequisites: None* This course includes an optional learning experience.*
Mythology MS	This multidisciplinary course is a survey of the major myths of Greek, Roman, and Norse antiquity, including the appropriate gods, heroes and heroines, and the stories these cultures told about them. Within the course, students examine the nature and social function of mythology. A particular focus of the course is the legacy of mythology in modern literature and popular culture.* Prerequisites: None* This course includes an optional learning experience.*
National Security	Do you know what it takes to keep an entire nation safe? It not only requires knowledge of how to handle disasters, but it also demands a cool head and tremendous leadership abilities. In National Security, you will have the opportunity to learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats. Put yourself in the position of the country's decisive leaders and develop your own knowledge base and skill set necessary to meet the requirements of our nation's most demanding career.* Prerequisites: None
Native American Cultures EL	In this cross-curricular course, students will gain insight into the Native American culture, both historically and present day. Students will learn how early Native Americans interacted with the natural world and created unique cultures in five different regions of North America. Through story, art, and hands on projects, students will discover contributions made by this rich culture to the Americas. This study encourages the practice of respect for other people and their cultures.* Prerequisites: None* This course includes an optional learning experience.*
Native American Cultures HS	In this cross-curricular course, students will gain insight into the Native American culture, both historically and present day. Students will learn how early Native Americans interacted with the natural world and created unique cultures in five different regions of North America. Through story, art, and hands on projects, students will discover contributions made by this rich culture to the Americas. This study encourages the practice of respect for other people and their cultures.* Prerequisites: None* This course includes an optional learning experience.*
Native American Cultures MS	In this cross-curricular course, students will gain insight into the Native American culture, both historically and present day. Students will learn how early Native Americans interacted with the natural world and created unique cultures in five different regions of North America. Through story, art, and hands on projects, students will discover contributions made by this rich culture to the Americas. This study encourages the practice of respect for other people and their cultures. * Prerequisites: None* This course includes an optional learning experience.*
Natural World Projects Applied EL	Students may conduct investigations and research for the Natural World Projects class. Each pathway project involves a multidisciplinary approach involving art and technology as well.* Prerequisites: None* This course includes an optional learning experience.*
Natural World Projects Applied HS	Students may conduct investigations and research for the Natural World Projects class. Each pathway project involves a multidisciplinary approach involving art and technology as well.* Prerequisites: None* This course includes an optional learning experience.*
Natural World Projects Applied MS	Students may conduct investigations and research for the Natural World Projects class. Each pathway project involves a multidisciplinary approach involving art and technology as well. * Prerequisites: None* This course includes an optional learning experience.*
Natural World Projects EL	The Natural World is a fascinating place full of things seen and unseen. Understanding and appreciating our Natural World, is the first step in caring for it. In this course students will discover more about the world around them through one or more pathways such as animal study, cell study, ecology, organism study, outdoor nature study, plant study, or marine study and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Each pathway project involves a multidisciplinary approach involving art and technology as well.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Natural World Projects HS	The Natural World is a fascinating place full of things seen and unseen. Understanding and appreciating our Natural World, is the first step in caring for it. In this course students will discover more about the world around them through one or more pathways such as animal study, cell study, ecology, organism study, outdoor nature study, plant study, or marine study and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Each pathway project involves a multidisciplinary approach involving art and technology as well.* Prerequisites: None* This course includes an optional learning experience.*
Natural World Projects MS	The Natural World is a fascinating place full of things seen and unseen. Understanding and appreciating our Natural World, is the first step in caring for it. In this course students will discover more about the world around them through one or more pathways such as animal study, cell study, ecology, organism study, outdoor nature study, plant study, or marine study and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Each pathway project involves a multidisciplinary approach involving art and technology as well.* Prerequisites: None* This course includes an optional learning experience.*
Nutrition and Personal Fitness	Nutrition and Personal Fitness encompasses a variety of topics with a focus on nutrition, dietary needs, and physical fitness. Students develop a foundation within the basics of nutrition principles and practices, learning to read food labels and understand food safety concerns. In regards to physical fitness, students are exposed to exercise guidelines that promote healthy lifestyles.* Prerequisites: None
Nutrition and Personal Fitness MS	Nutrition and Personal Fitness encompasses a variety of topics with a focus on nutrition, dietary needs, and physical fitness. Students develop a foundation within the basics of nutrition principles and practices, learning to read food labels and understand food safety concerns. In regards to physical fitness, students are exposed to exercise guidelines that promote healthy lifestyles.* Prerequisites: None
Nutrition and Wellness	Have you ever heard the phrase "Your body is your temple" and wondered what it means? Keeping our physical body healthy and happy is just one of the many challenges we face, and yet, many of us don't know how to best achieve it. Positive decisions around diet and food preparation are key to this process, and you will find the essential skills needed to pursue a healthy, informed lifestyle in Nutrition and Wellness. Making sure you know how to locate, buy, and prepare fresh delicious food will make you, and your body, feel amazing. Impressing your friends and family as you nourish them with your knowledge? That feels even better!* Prerequisites: None
Nutrition Projects EL	In this project based course, our younger students will explore food requirements for different individuals, nutritive values of food, diet planning, and the relation of food to positive health.* Prerequisites: None* This course includes an optional learning experience.*
Nutrition Projects HS	In this project based course, our younger students will explore food requirements for different individuals, nutritive values of food, diet planning, and the relation of food to positive health. This class will explore the nutritional needs of the family; Consumer aspects of food selection and meal preparation* Prerequisites: None* This course includes an optional learning experience.*
Nutrition Projects MS	In this project based course, our younger students will explore food requirements for different individuals, nutritive values of food, diet planning, and the relation of food to positive health. This class will explore the nutritional needs of the family; Consumer aspects of food selection and meal preparation.* Prerequisites: None* This course includes an optional learning experience.*
One Act Play EL	This multidisciplinary course explores such concepts such as: What are some basic theatre concepts? What is character analysis and why is it important in theater? How do scenery, props and costumes add to or take from a production? Students will explore and collaborate to create a set through artistic expression and students will perform in a one act play as the final project.* Prerequisites: None* This course includes an optional learning experience.*
One Act Play HS	This multidisciplinary course explores such concepts such as: What are some basic theatre concepts? What is character analysis and why is it important in theater? How do scenery, props and costumes add to or take from a production? Students will explore and collaborate to create a set through artistic expression and students will perform in a one act play as the final project.* Prerequisites: None* This course includes an optional learning experience.*
One Act Play MS	This multidisciplinary course explores such concepts such as: What are some basic theatre concepts? What is character analysis and why is it important in theater? How do scenery, props and costumes add to or take from a production? Students will explore and collaborate to create a set through artistic expression and students will perform in a one act play as the final project.* Prerequisites: None* This course includes an optional learning experience.*
OVA Yearbook HS	Students work collaboratively to create a Yearbook for OVA students. Students are exposed to the processes of generating ideas for pages, collecting photographs, and page layout. * Prerequisites: None
OVA Yearbook MS	Students work collaboratively to create a Yearbook for OVA students. Students are exposed to the processes of generating ideas for pages, collecting photographs, and page layout. * Prerequisites: None

Course Name	Course Description
Painting EL	Students will learn about painting medium and its creative procedures in approaches to individual problem solving in this multidisciplinary class. Included are materials and techniques of the medium along with various subjective problems involving form, color, and composition, utilizing criticism and aesthetics. Color Theory is a study of the formal and expressive properties of color based upon the theories of Itten and Albers. Famous artists will be studies and their styles imitated. Painting projects will be copies of famous art or original designs. Style will vary from old masters, to modern and abstract art. Paints will vary from acrylics, to oils, to watercolors and other various kinds of paint.* Prerequisites: None* This course includes an optional learning experience.*
Painting HS	Students will learn about painting medium and its creative procedures in approaches to individual problem solving through this multidisciplinary class. Included are materials and techniques of the medium along with various subjective problems involving form, color, and composition, utilizing criticism and aesthetics. Color Theory is a study of the formal and expressive properties of color based upon the theories of Itten and Albers. Famous artists will be studies and their styles imitated. Painting projects will be copies of famous art or original designs. Style will vary from old masters, to modern and abstract art. Paints will vary from acrylics, to oils, to watercolors and other various kinds of paint.* Prerequisites: None* This course includes an optional learning experience.*
Painting MS	Students will learn about painting medium and its creative procedures in approaches to individual problem solving through this multidisciplinary class. Included are materials and techniques of the medium along with various subjective problems involving form, color, and composition, utilizing criticism and aesthetics. Color Theory is a study of the formal and expressive properties of color based upon the theories of Itten and Albers. Famous artists will be studies and their styles imitated. Painting projects will be copies of famous art or original designs. Style will vary from old masters, to modern and abstract art. Paints will vary from acrylics, to oils, to watercolors and other various kinds of paint.* Prerequisites: None* This course includes an optional learning experience.*
Peer Counseling	Are you the person that people come to for advice? Does it seem that your friends always talk to you about their problems? If so, Peer Counseling may be the perfect course for you. It offers ways for you to explore this valuable skill and better understand how it can make a difference in the lives of others. Helping people achieve their personal goals is one of life's most rewarding experiences, and Peer Counseling will show you the way to provide support, encouragement, and resource information. Learn how to observe others as a Peer Counselor as you carefully listen and offer constructive, empathic communication while enhancing your own communication skills.* Prerequisites: None
Personal and Family Finance	We all know money is important in life. But how important? In fact, the financial decisions you make today may have a lasting effect on your future. Rather than feeling anxious about money feel empowered by learning how to make smart decisions! Personal and Family Finance will begin the conversation around how to spend and save your money wisely, investing in safe opportunities and the days ahead. Learning key financial concepts around taxes, credit, and money management will provide both understanding and confidence as you begin to navigate your own route to future security. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable.* Prerequisites: None
Personal Finance	Through real-world applications and clear, engaging lessons, Personal Finance prepares students for making sound financial decisions. Exercises illustrate the influence of economics in daily life and how financial decisions made today affect the future. The course covers topics such as financial and career planning; banking, savings, and investments programs; and stocks, bonds, and mutual funds.* Prerequisites: None
Personal Finance EL	Through real-world applications and clear, engaging lessons, Personal Finance prepares students for making sound financial decisions. Exercises illustrate the influence of economics in daily life and how financial decisions made today affect the future. The course covers topics such as financial and career planning; banking, savings, and investments programs; and stocks, bonds, and mutual funds.* Prerequisites: None* This course includes an optional learning experience.*
Personal Finance HS	Through real-world applications and clear, engaging lessons, Personal Finance prepares students for making sound financial decisions. Exercises illustrate the influence of economics in daily life and how financial decisions made today affect the future. The course covers topics such as financial and career planning; banking, savings, and investments programs; and stocks, bonds, and mutual funds.* Prerequisites: None* This course includes an optional learning experience.*
Personal Finance MS	Through real-world applications and clear, engaging lessons, Personal Finance prepares students for making sound financial decisions. Exercises illustrate the influence of economics in daily life and how financial decisions made today affect the future. The course covers topics such as financial and career planning; banking, savings, and investments programs; and stocks, bonds, and mutual funds.* Prerequisites: None* This course includes an optional learning experience.*
Personal Fitness	What does being fit really mean? Is it just based on physical appearance or is it something deeper? Though we strive to be healthy and make sensible choices, it's difficult to know how to achieve this. It's not only about losing weight or lifting a heavy barbell; in Personal Fitness you will learn about body functions, safety, diet, goals, and strategies for longevity. Human beings, in both body and mind, are complex and highly sensitive organisms that need the right attention to physically excel and feel great. Being fit is about living life to the fullest and making the most of what you have—yourself! Explore the world of healthy living and see how real fitness can be achieved through intention, effort, and just the right amount of knowledge.* Prerequisites: None
Personal Psychology I: The Road to Self-Discovery	Have you ever wondered why you do the things you do? Have you asked yourself if self-knowledge is the key to self-improvement? Are you interested in how behavior changes as we age? Psychology can give you the answers! In Personal Psychology I: The Road to Self-Discovery, you will trace the development of personality and behavior from infancy through adulthood. You will learn more about perception and consciousness and better understand the role of sensation. Ready to explore the world of human behavior? Come explore all that psychology can offer to truly understand the human experience.* Prerequisites: None

Course Name	Course Description
Personal Psychology II: Living in a Complex World	Why do you sometimes remember song lyrics but can't remember where you left your phone, your keys, or even your shoes? How does language affect the way we think? Why is your personality so different from (or so similar) your brother's or sister's personality? Personal Psychology II: Living in a Complex World will you to explore what makes you '.'y do some things motivate you more than others? How can you determine your IQ? If you've ever wanted to dive right into the depths of who you are and how you got to be you, jump on board and start your exploration now!* Prerequisites: None
Personalized Academic Success Strategies (PASS) 1	PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.* Prerequisites: None
Personalized Academic Success Strategies (PASS) 2	PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.* Prerequisites: None
Personalized Academic Success Strategies (PASS) 3	PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.* Prerequisites: None
Personalized Academic Success Strategies (PASS) 4	PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.* Prerequisites: None
Personalized Academic Success Strategies (PASS) 5	PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.* Prerequisites: None
Personalized Academic Success Strategies (PASS) 6	PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.* Prerequisites: None
Personalized Academic Success Strategies (PASS) 7	PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.* Prerequisites: None
Personalized Academic Success Strategies (PASS) 8	PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.* Prerequisites: None
Personalized Academic Success Strategies (PASS) HS	PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.* Prerequisites: None
Personalized Academic Success Strategies (PASS) K	PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.* Prerequisites: None
Philosophy Projects EL	Through a multidisciplinary approach, students will focus on our thinking in the light of a philosophical studies project. Students will explore the historical and modern aspects of philosophy, its influence in the arts and use technology to complete various projects.* Prerequisites: None* This course includes an optional learning experience.*
Philosophy Projects HS	Through a multidisciplinary approach, students will focus on our thinking in the light of a philosophical studies project. Students will explore the historical and modern aspects of philosophy, its influence in the arts and use technology to complete various projects.* Prerequisites: None* This course includes an optional learning experience.*
Philosophy Projects MS	Through a multidisciplinary approach, students will focus on our thinking in the light of a philosophical studies project. Students will explore the historical and modern aspects of philosophy, its influence in the arts and use technology to complete various projects.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Philosophy: The Big Picture	Go on an exciting adventure covering over 2,500 years of history! Along the way, you'll run into some very strange characters, like the dirty barefoot man who hung out on street corners pestering everyone with questions, or that eccentric fellow who climbed inside a stove to think about whether he existed. Despite their odd behavior, these and other philosophers of the Western world are among the world's most brilliant and influential thinkers and originated the fundamental ideas of Western civilization. Introduction to Philosophy: The Big Picture asks some of the same questions these great thinkers pondered, so by the time you've "closed the book" on this course, you will better understand yourself and the world around you—from atoms to outer space and everything in between.* Prerequisites: None
Photography EL	Through a multidisciplinary approach, this introductory course is designed to introduce the aesthetic and technical theories and techniques of photography. Topics include camera and lens operation, exposure, white balance, composition, lighting, creativity, image editing software. Course requires a digital camera.* Prerequisites: None* This course includes an optional learning experience.*
Photography HS	Through a multidisciplinary approach, this introductory course is designed to introduce the aesthetic and technical theories and techniques of photography. Topics include camera and lens operation, exposure, white balance, composition, lighting, creativity, image editing software. Course requires a digital camera.* Prerequisites: None* This course includes an optional learning experience.*
Photography MS	Through a multidisciplinary approach, this introductory course is designed to introduce the aesthetic and technical theories and techniques of photography. Topics include camera and lens operation, exposure, white balance, composition, lighting, creativity, image editing software. Course requires a digital camera.* Prerequisites: None* This course includes an optional learning experience.*
Photography: Drawing with Light MS	What do you think makes a photograph great? Do you want to take fun, interesting photographs of people, places, and pets to post for your friends or hang on your wall? Photo images are everywhere today.' Sometimes we see hundreds in one day. But it's obvious that not all photographs are the same - some are definitely cooler than others. In Middle School Photography: Drawing with Light, you'll learn how to take those excellent, jaw-dropping photographs that you see in magazines and on your favorite social media sites. You'll learn the basics of using a camera and how to avoid common photography mistakes. Once you get the hang of this process, you'll be taking photos that will amaze your friends and have them wondering how you do it!* Prerequisites: None
Photoshop EL	In this project based, multidisciplinary course, students learn to use Adobe Photoshop Elements software to improve and transform their own digital photographs. Using these new skills they will create imaginative and unique projects. This is a great companion class to Photography.* Prerequisites: None* This course includes an optional learning experience.*
Photoshop HS	In this project based, multidisciplinary course, students learn to use Adobe Photoshop Elements software to improve and transform their own digital photographs. Using these new skills they will create imaginative and unique projects. This is a great companion class to Photography.* Prerequisites: None* This course includes an optional learning experience.*
Photoshop MS	In this project based, multidisciplinary course, students learn to use Adobe Photoshop Elements software to improve and transform their own digital photographs. Using these new skills they will create imaginative and unique projects. This is a great companion class to Photography.* Prerequisites: None* This course includes an optional learning experience.*
Physical Education	Physical Education I introduces topics to help you understand the importance and meaning of true physical fitness. You will learn how to apply different approaches to help you achieve a healthy weight and keep your bones and muscles strong. At the beginning of the course, your lessons will focus on providing you with the tools and knowledge you need to design, maintain, and build a fitness routine. To support your fitness routine and safety, you will learn about the proper exercise techniques for aerobic conditioning, strength training, and flexibility. Toward the end of the course, you will receive an overview of several different types of fitness careers, learn how to locate fitness resources in your community, and discover the social, mental, and physical benefits of exercise. * Prerequisites: None
Physical Education 6	In this course, students will meet a crew of virtual characters that will help them explore health and understand fitness. Among them is Coach Cardio, who will help students measure their growing fitness level by learning to keep their bodies physically t. Students will complete various projects as they learn about themselves, fitness and the world around them.* Prerequisites: None
Physical Education 7	In this course, students will reach new levels of fitness through sports, dance, aquatics, and more. Course characters will help guide and enhance their experience. Students will learn safety rules for exercises to improve their skills, how different activities target different parts of their body, and how to reach new goals.* Prerequisites: None
Physical Education 8	This course will provide students practice in game strategy, sport skills and performance. Students will discover the diversity of sports, nutrition, and peer pressure, while learning how to make effective decisions.* Prerequisites: None
Physical Science C (Hybrid)	Both physics and chemistry are prominent disciplines within the Physical Science course. In Physical Science C students first investigate topics surrounding matter, chemical reactions, and atomic structure. By reviewing multiple concepts, students gain foundational skills in the science discipline that provide a basis for future course study. * Prerequisites: None

Course Name	Course Description
Physical Science P (Hybrid)	Both physics and chemistry are prominent disciplines within the Physical Science course. In Physical Science P students study concepts of motion, forces, energy, waves and electricity. By reviewing multiple concepts, students gain foundational skills in the science discipline that provide a basis for future course study. * Prerequisites: None
Physical Science P/C CR	Both physics and chemistry are prominent disciplines within the Physical Science course. In Physical Science C students first investigate topics surrounding matter, chemical reactions, and atomic structure. In Physical Science P students study concepts of motion, forces, energy, waves and electricity. By reviewing multiple concepts, students gain foundational skills in the science discipline that provide a basis for future course study.* Prerequisites: None
Physical World Projects EL	In this multidisciplinary course, students will explore several topics with a focus on technology and the physical world. This hands on project based class will provide an avenue for inquiry and investigation. The role of the student in this course is to develop inquiry and problem solving skills within the context of technology and applied scientific investigation including engineering principles.* Prerequisites: None* This course includes an optional learning experience.*
Physical World Projects HS	In this multidisciplinary course, students will explore several topics with a focus on technology and the physical world. This hands on project based class will provide an avenue for inquiry and investigation. The role of the student in this course is to develop inquiry and problem solving skills within the context of technology and applied scientific investigation concepts including engineering principles.* Prerequisites: None* This course includes an optional learning experience.*
Physical World Projects MS	In this multidisciplinary course, students will explore several topics with a focus on technology and the physical world. This hands on project based class will provide an avenue for inquiry and investigation. The role of the student in this course is to develop inquiry and problem solving skills within the context of technology and applied scientific investigation concepts including engineering principles.* Prerequisites: None* This course includes an optional learning experience.*
Physics	Through an explanation of mechanics, Physics introduces students to the fundamentals of algebra-based physics. Students are provided with an introduction to concepts such as motion, forces, gravity, energy, and momentum. Students explore heat, fluids, waves, sound, light, optics, electricity, magnetism and how these relate to atomic structures.* Prerequisites: None
Physics (Hybrid)	Elemental Science Physics organizes a complete one year, full credit high school course.This program contains textbook assignments from CK12 Physics, which is available for free online. Each week includes reading selections, vocabulary terms, problems to work out, and comprehension questions. * Prerequisites: None
Physics CR	Through an explanation of mechanics, Physics introduces students to the fundamentals* Prerequisites: None
Piano IA	The piano is often described as the musical instrument that provides beginning musicians with the most logical representation of how music works. For the beginning or the experienced musician, piano keyboard skills are both valuable and enjoyable. High School Piano 1 is an entry level course for students wishing to learn fundamental techniques for playing the piano, while developing the ability to read music and understand basic concepts of music theory. Students will learn to play both familiar and original tunes and songs on the piano using standard music notation. Techniques used in music improvisation and composition are also explored. No prior music background is required. * Prerequisites: None * Students will need to borrow, rent, or purchase a working piano or electronic keyboard. A web cam or video recording device is required for performance assessments.
Piano IB	The piano is often described as the musical instrument that provides beginning musicians with the most logical representation of how music works. For the beginning or the experienced musician, piano keyboard skills are both valuable and enjoyable. High School Piano 1 is an entry level course for students wishing to learn fundamental techniques for playing the piano, while developing the ability to read music and understand basic concepts of music theory. Students will learn to play both familiar and original tunes and songs on the piano using standard music notation. Techniques used in music improvisation and composition are also explored. No prior music background is required. * Prerequisites: Piano IA or equivalent knowledge and experience. * Students will need to borrow, rent, or purchase a working piano or electronic keyboard. A web cam or video recording device is required for performance assessments.
Political Science	Political Science provides students with the foundation for the origin, creation, and function of different political systems within the United States and across the globe. Political Science looks into the separation of powers, defining democracy and other types of government-led strategies such as dictatorship, totalitarianism, authoritarianism, and communism. The course delves into economic concepts, such as the regulation of trade and employment.* Prerequisites: None
Pre-Algebra	Pre-Algebra, provides the basis for the course content. The student will solve equations and inequalities with positive and negative integers, decimals, and fractions. The student will then use the algebra skills to work with ratios, proportions, and percentages. In the second course, the student will explore basic algebraic principles. Students will also examine and evaluate two-step and multi-step equations and inequalities and then explore and use graphs to solve linear relations and functions. Next, the students will be introduced to basic concepts of geometry including angle relationships, parallel lines, polygons, circles, and transformations. The student will continue to apply his knowledge of geometry and algebra to solve area and volume problems. Then the student will explore nonlinear functions and polynomials. Finally, the student will examine properties of right triangles, data analysis, and probability.* Prerequisites: Math 6 or Math 7
Pre-Algebra (Hybrid)	Pre-Algebra builds the foundation for students to be ready to explore more challenging math curriculum. Students will learn the basic rules for solving equations. Multiple processes including the associative and communicative properties will assist students in finding solutions. Polynomial operations are solved using place-value blocks to help students understand conceptually. This course also includes geometry concepts including surface area, volume and the Pythagorean theorem. * Prerequisites: Math 7 * This course includes an optional learning experience. *

Course Name	Course Description
Pre-Calculus (Hybrid)	Pre-Calculus combines classic trigonometry with the advanced algebra needed for calculus and other courses. Topics include trig ratios, trigonometric identities, laws of trigonometry, radian measure, polar equations, functions and their graphs, sequences and series, and limits. * Prerequisites: Algebra II * This course includes an optional learning experience. * -
Precalculus	This course presents students with a formal study of functions, an analysis of sequences and series, counting principles, the binomial theorem, and probability. Students will use technology to employ multiple approaches to problem solving and data modeling. This course also includes topics on trigonometry, parametric curves, the polar coordinate system, and complex numbers in polar form. Students will solve problems using the Laws of Sines and Cosines and will also analyze vectors and conics, study systems of equations and matrices, and solve systems using matrices. Limits and continuity are introduced.* Prerequisites: Algebra II
Principles of Agriculture, Food and Natural Resources	Did you know that the world's population could be as high as 11 billion people by the year 2050? And certainly, as our population is growing, so too are our food needs. Even today, millions of people around the world experience hunger. How can we balance growing populations and keeping everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Through the study of Principles of Agriculture: Food and Natural Resources, you will gain a stronger sense of how food ends up on the plate and how we can maximize the foods and natural resources the earth provides. You'll learn more about agriculture's history, animal husbandry, plant science, and natural resources, and you'll be better prepared for your part in sustaining the world.* Prerequisites: None
Principles of Business, Marketing, and Finance	Principles of Business, Marketing, and Finance provides the knowledge and skills students need for careers in business and marketing. Students begin exploring roles and functions that business and marketing play in a global society, develop an understanding of the market place, as well as understanding product placement and promotion.Students analyze the impact of government, legal systems, and organized labor on business; develop an understanding of business communications and management; and explore legal, ethical, and financial issues in business and marketing. Furthermore, students delve into basic economic concepts including personal finance, economic systems, cost-profit relationships, and economic indicators and trends.Using hands-on activities, students reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant real-world inspired scenarios. This course focuses on developing knowledge and skills around marketing, pricing, distribution and management, while also focusing on economics and interpersonal skills. This course also addresses exploring career options in business and marketing as well as securing and keeping a job.Principles of Business, Marketing, and Finance is a full-year Career and Technical course for programs of study in Business Administration and Management. This course is built to state and national standards. * Prerequisites: None
Principles of Business, Marketing, and Finance IA: Introduction	Discover the fundamental knowledge that will help you pursue a career in business, as well as always generating interest and buzz around the products and services offered. Explore different types of businesses and ownership forms, the impact of governments on business, and the marketing of goods and services. Learn about globalization, free trade, and various economic systems, as well as the impact of technology on business, business ethics, and social responsibility. * Prerequisites: None
Principles of Business, Marketing, and Finance IB: Targeting Your Business Insight	Take your knowledge of business basics, finance, and marketing to the next level. Learn how to create a marketing strategy that promotes and attracts customers in order to sell a product or service. Explore important basics of business finance, including accounting, budgeting, and investing. And learn what careers are available in business and the important employability skills you'll need to ace the interview and land the job! * Prerequisites: Principles of Business, Marketing, and Finance IA
Principles of Health Science	Principles of Health Science provides knowledge and skills students need for careers in health care. Students explore the services, structure, and professions of the health care system and get guidance on choosing a specific career path in health services, including career paths in emergency medicine, nutrition, and alternative medicine.Students focus on day-to-day skills and expectations for health professionals, which include promoting wellness, maintaining a safe environment, creating medical records, and practicing good communication, collaboration, and leadership. In addition, students will expand their understanding of health and safety systems, how to address emergency situations, and deal with infection control issues. Students will also explore topics in medical science, terminology, procedures, and regulations - including an overview of physiology and medical measurements.Using real-life scenarios and application-driven activities, students learn the responsibilities and challenges of being health care professionals and deepen their knowledge of various career options. In addition to building their understanding of technical concepts and skills, students evaluate the qualifications required for specific careers and develop personal career plans to pursue work in the health care industry and extend their knowledge of oral and written communication in health science.Principles of Health Science is a full-year Career and Technical Education course for programs of study in health sciences. This course is built to state and national standards. * Prerequisites: None
Principles of Information Technology IA: Introduction	Develop your students' understanding and proficiency of computers! Students will learn about computer hardware, Von Neumann architecture, peripherals, and maintenance as well as data management and storage options. Learners will trace the history of operating systems and application software while also exploring network systems, administration, and troubleshooting. Finally, students will dive into word processing, spreadsheets, and databases to cement their knowledge of information technology!* Prerequisites: None
Principles of Information Technology IB: Working with Computers	Take the IT knowledge you have to a more advanced level. Starting with an overview of programming, algorithms, and compilers, you'll then learn the basics of web page design and creating graphics. Explore security and cybercrime, emerging technologies, presentation software, and intellectual property laws. Finally, you will prepare for the future by discovering various careers in this field and planning your education! * Prerequisites: Principles of Information Technology 1a

Course Name	Course Description
Principles of Public Service: To Serve and Protect	Ambulances scream along, heading toward those in need. But who makes sure someone is there to answer the 9-1-1 call? When you take a pill, who has determined that drug is safe for the public? All of these duties are imperative to our comfort and success as a society. Public service is a field that focuses on building a safe and healthy world, and in Principles of Public Service: To Serve and Protect you will be introduced to its many different career choices. The protection of society is not only one of our greatest challenges, it also provides ways for people to work together to ensure safety and provide indispensable services. If you've ever contemplated being one of these real-life heroes, now is the time to learn more!* Prerequisites: None
Probability & Statistics	This course is designed for students in grades 11 and 12 who may not have attained a deep and integrated understanding of the topics in earlier grades. Students acquire a comprehensive understanding of how to represent and interpret data; how to relate data sets; independent and conditional probability; applying probability; making relevant inferences and conclusions; and how to use probability to make decisions.* Prerequisites: None
Problem Solving Projects EL	In this multidisciplinary class, students will explore activities to reason, think logically and explore the concept of reasoning and deduction. Through games, puzzles, and other fun activities in this project based class, student will collaborate to problem solve, create solutions and apply these concepts to real world situations.* Prerequisites: None* This course includes an optional learning experience.*
Problem Solving Projects HS	In this multidisciplinary class, students will explore activities to reason, think logically and explore the concept of reasoning and deduction. Through games, puzzles, and other fun activities in this project based class, student will collaborate to problem solve, create solutions and apply these concepts to real world situations.* Prerequisites: None* This course includes an optional learning experience.*
Problem Solving Projects MS	In this multidisciplinary class, students will explore activities to reason, think logically and explore the concept of reasoning and deduction. Through games, puzzles, and other fun activities in this project based class, student will collaborate to problem solve, create solutions and apply these concepts to real world situations.* Prerequisites: None* This course includes an optional learning experience.*
Professional Sales & Promotion IA: Introduction	“Sell me this pen.” It seems like an easy request, but the art of selling takes nuance, expertise, and an ability to navigate the complexities of client needs. In this course, you’ll learn about the bigger picture of the sales cycle. You’ll examine the role of today’s sales professional along with the skills and qualities needed for success, and you’ll learn the ins and outs of the sales process and how it is driven by recognizing and responding to customer needs. Before long, you’ll be a part of the well-oiled engine that drives the entire commercial economy. But first, can you sell me this pen? * Prerequisites: None
Professional Sales & Promotion IB: Secrets of Sales Success	They say money makes the world go round, but sales is what keeps the world spinning. In this course, you’ll explore the power of promotion and how to rise to the ranks of an elite sales and promotions rep. You’ll dive into what it takes to be a stellar seller, how salespeople work together in teams to meet goals, and how the savviest sales managers employ proven sales methods mixed with technology, tools, and psychological insights to build and operate an efficient sales team. Are you ready to keep the world in motion? Let’s uncover the secrets of sales success. * Prerequisites: None
Psychology	Through this highly interactive course students will acquire an understanding of and an appreciation for human behavior, behavior interaction, and the progressive development of individuals.* Prerequisites: None
Public Speaking EL	Through a multidisciplinary approach, in this class, students will learn tips, insights, and strategies which will help them become a confident and effective speaker. We will explore 10 different speech styles over the course of the semester. Each speech style will help the student learn a new skill for public speaking. This class is also a great way for kids to come out of their shells and create new comfort zones while speaking in groups of any size!* Prerequisites: None* This course includes an optional learning experience.*
Public Speaking HS	This multidisciplinary class will introduce students to strategies and life skills that can be applied to decision-making processes in their educational studies. Students can take on some of the responsibility for their own learning and can take personal action to solve problems, resolve conflicts, discuss alternatives, and focus on thinking as a vital element of the curriculum. * Prerequisites: None * This course includes an optional learning experience. *
Public Speaking IA: Introduction	Does the thought of speaking in front of people makes you break out in hives? Maybe you want tips on how to make that first great impression? In both cases, Public Speaking may be just what you need. In this class you will learn from famous orators, like Aristotle and Cicero, how to communicate effectively, uphold your arguments, and effectively collaborate with others. You’ll master the basics of public speaking through practice—such as building a strong argument and analyzing the speeches of others—eventually learning to speak confidently in front of large groups. Grab your notes and get ready to conquer public speaking!* Prerequisites: None
Public Speaking IB: Finding Your Voice	If you've learned the basics and are ready to expand your public speaking skills, Public Speaking Ib: Finding Your Voice is for you. In this course, you'll master the fundamentals of public speaking through practice and eventually learn to speak confidently in front of large groups. Explore the use of inductive and deductive reasoning, learn how to prepare a speech outline, and discover how to write your own speech using correct and emotive language. This course will also help you to develop self-efficacy and self-esteem, reduce your fear of public speaking, and teach you how to use body language effectively. You'll also learn how to stand back and critically examine your own work in order to identify areas for improvement.* Prerequisites: Public Speaking 1a

Course Name	Course Description
Public Speaking MS	Through a multidisciplinary approach, in this class, students will learn tips, insights, and strategies which will help them become a confident and effective speaker. We will explore 10 different speech styles over the course of the semester. Each speech style will help the student learn a new skill for public speaking. This class is also a great way for kids to come out of their shells and create new comfort zones while speaking in groups of any size! * Prerequisites: None* This course includes an optional learning experience.*
Reading & Writing for a Purpose	This course will provide students with the necessary tools to become successful in both their academics and in the work place. Reading is a vital skill necessary for effectively taking notes, summarizing main ideas, and separating fact from opinion. This course will empower students to achieve their goals in higher education and in the career of their choosing. Please note: This course is intended for 12th graders whose college placement scores are below the established cut score indicating that they are not college-ready - Reading (CPT, below 83; SAT, below 440; ACT, below 18).* Prerequisites: None
Real World Parenting	Do you love children? Maybe you dream of being a parent someday. But perhaps you are also asking yourself, just how, exactly, do you learn to parent? Learning how to care for children while teaching them confidence and accountability is not an easy feat. In Real-World Parenting, you'll learn that being a parent is much more than simply feeding, bathing, and protecting a child. Creating a positive environment, nurturing, fostering education, and serving as a role model are all critical aspects as well. You'll learn how to be a positive force in the development of your future children as well as others around you.* Prerequisites: None
Reasoning EL	In this multidisciplinary class, students will explore activities to reason, think logically and explore the concept of reasoning and deduction. Through games and other fun activities in this project based class, student will collaborate to problem solve.* Prerequisites: None* This course includes an optional learning experience.*
Reasoning HS	In this multidisciplinary class, students will explore activities to reason, think logically and explore the concept of reasoning and deduction. Through games and other fun activities in this project based class, student will collaborate to problem solve.* Prerequisites: None* This course includes an optional learning experience.*
Restaurant Management	Have you ever dreamed of running your own eatery? Maybe you've thought of collaborating with a famous chef to create an unforgettable dining experience? What goes on behind the restaurant dining room is a very different world than what goes on out front and really determines the success or failure of an establishment. Restaurant Management will show you exactly what's needed to run a successful restaurant, including ordering supplies, hiring quality workers, maintaining inventory, and managing a large staff. Understanding such concepts as food safety, hygiene, customer relations, marketing, and using a point-of-sale system are crucial to being an effective restaurateur. Whether you are hoping to operate a casual sit-down eatery, oversee a fine dining establishment, or buy a food franchise, this course is the perfect first step.* Prerequisites: None
Robotics 2A: Design a Robot	From outer space to the oceans and everywhere in between, robots are doing everything from solving complex problems to simply making daily life easier. But, there has to be a beautiful mind behind the machine, and this is where you come in! In this course, you will identify a problem and using the skills you've learned, you will apply the principles of engineering and robotics to design an innovative robot to solve the problem. Robotics engineers are problem solvers ? are you ready to step up? * Prerequisites: Robotics IA&B
Robotics 2B: Build Your Robot	You have learned how to think like a robotics engineer, and now, it's time to design and build like one to breathe life into your machine. In this course, you'll explore how to add more complexity to your creations to make them more efficient, capable, and better able to handle advanced tasks. You will also learn how models and simulations can enhance robotic development and construction. After a real-world safety review, a deeper dive into advanced applications and systems, and improving your prototype, you'll finalize and launch your robot. Are you ready to continue improving the world with your machine? Let's automate! * Prerequisites: Robotics IA&B
Robotics EL	Robotics/Engineering teaches problem solving, critical thinking skills, team skills and engineering through the use of a multidisciplinary class. Working together with others successfully, learning to value each team member, recognizing that others have great ideas and can make valuable contributions are important attributes for everyone in our interconnected world!* Prerequisites: None* This course includes an optional learning experience.*
Robotics HS	Robotics/Engineering teaches problem solving, critical thinking skills, team skills and engineering through the use of a multidisciplinary class. Working together with others successfully, learning to value each team member, recognizing that others have great ideas and can make valuable contributions are important attributes for everyone in our interconnected world! * Prerequisites: None * This course includes an optional learning experience. *
Robotics IA: Introduction	Are you fascinated with how machines work? Robots are machines, and they are all around us, from helping doctors in surgeries to helping to keep our homes clean. Explore the physics, mechanics, motion, and the engineering design and construction aspects used to develop robots. Learn how models are created through both sketches and software. Discover STEM careers and the education needed to enter this high-demand field. * Prerequisites: None
Robotics IB: Intelligent Robots	The robots have invaded… and they're here to make our lives easier. You've learned about the basics of robotics and STEM careers, but now we're going to learn about manipulating the physical world to create desired effects. In this course, you'll learn to manipulate electrical signals to create logic and memory, how to quantify the physical world through variables, and how to have an impact through tools. You'll discover how to choose the best tools and materials, how to create AI, and how to take an idea from initial planning to a completed project. Let's continue the pursuit of a career in robotics so the friendly invasion can thrive! * Prerequisites: None

Course Name	Course Description
Robotics: Applications and Careers	It seems like many elementary to high school robotics courses are focused on coding a simple robot to move its mechanical arm up and down. This course, in contrast, teaches students what a robot is and how it relates to other key technologies such as artificial intelligence and machine learning. Then the course examines 10 applications of robots and how they will change and impact various aspects of our lives and the economy. Will robots simply steal our jobs, or will they be a tool that will create new opportunities and even free humans to use our creativity and curiosity to their full potential? Students will grapple with this and many other questions as they explore this vital, future-focused subject.* Prerequisites: None
Rocks Rock EL	In this multidisciplinary class students will use technology and other disciplines to study rocks, minerals, fossils, stalactites, quick sand, and crystals and the unique characteristics of each. Students will explore the changes that earth has undergone over time and how fossils and rock formations can be used to tell us what might have happened in the past. Students will explore careers in Geology. They will also use art and technology to create a portfolio of their explorations.* Prerequisites: None* This course includes an optional learning experience.*
Rocks Rock HS	In this multidisciplinary class students will use technology and other disciplines to study rocks, minerals, fossils, stalactites, quick sand, and crystals and the unique characteristics of each. Students will explore the changes that earth has undergone over time and how fossils and rock formations can be used to tell us what might have happened in the past. Students will explore careers in Geology. They will also use art and technology to create a portfolio of their explorations.* Prerequisites: None* This course includes an optional learning experience.*
Rocks Rock MS	In this multidisciplinary class students will use technology and other disciplines to study rocks, minerals, fossils, stalactites, quick sand, and crystals and the unique characteristics of each. Students will explore the changes that earth has undergone over time and how fossils and rock formations can be used to tell us what might have happened in the past. Students will explore careers in Geology. They will also use art and technology to create a portfolio of their explorations.* Prerequisites: None* This course includes an optional learning experience.*
SAT Prep	SAT Prep Course assists students with test preparation and teaches content that the student may be tested on during the actual exams. These courses ensure that students focus on the areas where extra assistance is needed. SAT Practice Tests include rigorous test items and are timed to help students learn to budget time in preparation for taking the actual SAT assessments. This is a pass/fail course. * Prerequisites: None
Science 1	In this course, students will explore topics including properties of matter, force and motion, temperature, light and energy. Sound and vibration are studied and students begin to learn about organisms and cells. Natural resources are introduced.* Prerequisites: None
Science 1 (Hybrid)	Through a banded standards approach, students will study Animals, Astronomy, and Physics. From the make-up of the human body to the infrastructure of a skateboard, Science 1 feeds children's curiosity about how things are made. Includes basic introductory studies fields such as meteorology, biology, electricity, soil science, astronomy, physiology, and hydrology. Children will uncover mysteries of the human body and health as they enjoy the First Encyclopedia of the Human Body. They'll marvel as they travel from Earth to the ends of the known universe in the engaging, picture-filled book, Space. They'll also learn about animals, space, and water processing, and enjoy a biography of Louis Pasteur. The 30 major experiments center around water, magnets, light and mirrors.* Prerequisites: None* This course includes an optional learning experience.*
Science 2	In this course, students continue to learn about organisms and cells and begin inherited traits. Properties of matter are studied and students are introduced to ecosystems, earth, and space. Students will continue natural resources and begin to study conservation.* Prerequisites: None
Science 2 (Hybrid)	Through a banded standards approach, students will study historical and mechanical technology (how things are made); geology (rocks and minerals); Meteorology (weather); biology (plants, animals, babies and habitats); and microscopy. Students will return again to study each and every one of these topics in later years. The Usborne Book of Knowledge serves as a key book for Science 2. But you'll also enjoy a biography of Marie Curie, a colorful book devoted to weather and two zany "Magic School Bus" books. The 30 primary experiments this year deal with weather (meteorology), the human body, and batteries (electricity).* Prerequisites: None* This course includes an optional learning experience.*
Science 3	This course enables students to become junior scientists as they complete a variety of hands-on experiments and learn to log their observations and results in a science lab journal. Students will learn and follow the scientific method as they conduct experiments related to geology, biology, physics, Earth science, and wellness. They will gain knowledge related to the properties of rocks, soil, and fossils; the characteristics of various natural disasters; the various types of land formations; and health and nutrition. Students will learn and follow the scientific method as they conduct experiments related to geology, biology, physics, Earth science, and wellness. They will gain knowledge related to the properties of rocks, soil, and fossils; the characteristics of various natural disasters; the various types of land formations; and health and nutrition.* Prerequisites: None
Science 3 (Hybrid)	Through a banded standards approach, students will study Biology, Taxonomy, and Human Anatomy. Science 3 gives students an up-close look at the observable world and the forces behind what we can see. Students focus on Physics (energy, gravity, sound, electricity, and machines) and Biology (life, cells, plants and photosynthesis, plant growth, protists, frogs, butterflies, ecosystems, food cycle, water cycle, air cycle, the human body and animals). Students learn how living things are categorized and named (taxonomy). They discover biological processes and how they work through hands-on experiments and projects. Students will build a greenhouse and conduct botany experiments to understand what living things need. You and your children will learn through hands-on activities and interesting books such as Usborne Science Encyclopedia, Magic School Bus, two TOPS: Green Thumbs books and more. You'll return to these same subjects at deeper levels many times in the years ahead. Science 3 experiments are coordinated with the TOPS: Green Thumbs books and are based on the growth of living things* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Science 4	In this course, students will develop a science journal to record notes, drawings, questions, and data from the scientific experiments that they complete. Through these experiments, they will learn more about famous scientists, scientific instruments, and diagrams, tables, and graphs used by scientists. They will conduct safe and simple experiments related to biology, earth science, ecology, astronomy geology, light and electricity, physics, anatomy, and wellness. Students will also relate their experiments to real world problems, such as the effects of pesticides, pollution, and fertilizer.* Prerequisites: None
Science 4 (Hybrid)	Students explore electricity, magnetism, light, color, microscopes, astronomy and space, inventions, chemistry, modern technology, and mechanical technology in early American life. Students conduct over 90 experiments that center on the characteristics and uses of electricity and magnetism.* Prerequisites: None* This course includes an optional learning experience.*
Science 5	Students continue to sharpen their investigative skills. In life science, students examine the living world; in physical science, they explore characteristics of matter, sound, and light. Students also learn about the Earth's composition and the forces that shape its surface. The scientific method is reinforced, and careers in science are discussed.* Prerequisites: None
Science 5 (Hybrid)	Students discover the wonders of the human body in Science 5, including anatomy, health and nutrition, diseases, survival skills, and a unit on gender differences and reproduction. The Blood & Guts book provides amusing and amazing hands-on experiments to teach about the body. There is three-week unit on survival skills (a unit at least tangentially related to health and human physiology!).* Prerequisites: None* This course includes an optional learning experience.*
Science 6	Science 6 is an innovative course based on the framework for the Next Generation Science standards (NGSS). NGSS focuses on science and engineering practices; Earth, life and physical science core ideas; and fundamental crosscutting concepts vital to relating the various fields of science and developing a scientific world view. The course provides the student opportunities to engage in inquiry-based investigations, STEM (Science Technology Engineering Mathematics) projects, and other dynamic activities. Hands-on and online activities encourage the student to make connections, collaborate, and reflect on his or her learning. * Prerequisites: None
Science 6 (Hybrid)	Students make connections and delve deeper into chemistry, physics, and biology. What's Science All About? is a wonderfully illustrated exploration of biology, chemistry and physics. We combine this with Chemically Active! to put all that knowledge into use with experiments almost every week. Genetics provides a great insight into family traits and which ones are genetic, what a chromosome is, how DNA works and relates some concepts to biology and chemistry.* Prerequisites: None* This course includes an optional learning experience.*
Science 7	Science 7 is an innovative course based on the framework for the Next Generation Science standards (NGSS). NGSS focuses on science and engineering practices; Earth, life and physical science core ideas; and fundamental crosscutting concepts vital to relating the various fields of science and developing a scientific world view. The course provides the student opportunities to engage in inquiry-based investigations, STEM (Science Technology Engineering Mathematics) projects, and other dynamic activities. Hands-on and online activities encourage the student to make connections, collaborate, and reflect on his or her learning.* Prerequisites: None
Science 7 (Hybrid)	Students gain perspective of today's hottest career markets including Robotics, Conservation, Energy, Engineering (Dams and Canals), and general Technology. Each week is capped with an experiment that will have your middle school student building things that range from solar robots to windmills to dams.* Prerequisites: None* This course includes an optional learning experience.*
Science 8	Science 8 is an innovative course based on the framework for the Next Generation Science standards (NGSS). NGSS focuses on science and engineering practices; Earth, life and physical science core ideas; and fundamental crosscutting concepts vital to relating the various fields of science and developing a scientific world view. The course provides the student opportunities to engage in inquiry-based investigations, STEM (Science Technology Engineering Mathematics) projects, and other dynamic activities. Hands-on and online activities encourage the student to make connections, collaborate, and reflect on his or her learning.* Prerequisites: None
Science DK	Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional Kindergarten. In this course, students will explore concepts such as ecosystems, climate, seasons, weather, living/non living things, and basic building blocks of scientific exploration and inquiry. Students will be given opportunities to practice problem solving skills. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. * Prerequisites: None
Science DK (Hybrid)	Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional Kindergarten. In this course, students will explore concepts such as ecosystems, climate, seasons, weather, living/non living things, and basic building blocks of scientific exploration and inquiry. Students will be given opportunities to practice problem solving skills. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. * Prerequisites: None
Science K	In this course, students will explore ecosystems, weather, seasons, and climate. Problem-solving skills are used and comparison of living and non-living things. Composition of the earth is studied and genetics are explored and students learn the difference between scientific fact and opinion.* Prerequisites: None
Science K (Hybrid)	Biology, Botany and Physics: Science K sparks children's curiosity and introduces them to basic concepts in Biology, Earth Science, and Physics - topics you'll return to again over the years. Includes nearly 100 science experiments in the Discover and Do DVD along with supplies you need so you and your child can recreate the experiments.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Science Upper EL Bio	Upper Elementary Biology for the Grammar Stage provides a great foundation of biology for 3rd and 4th grade students. This science program includes a virtual buffet of options from which you can choose! Biology for the Grammar Stage Teacher Guide lays out a twenty-week study of animals, a ten-week study of the human body, and a six-week study of plants using visually appealing encyclopedias. It includes weekly scientific demonstrations, reading assignments, notebooking assignments, additional activities, memory work, and more!* Prerequisites: None* This course includes an optional learning experience.*
Science Upper EL Physics	Upper Elementary Physics for the Grammar Stage provides a great foundation of physics for 3rd and 4th grade students. This science program includes a virtual buffet of options from which you can choose! Physics for the Grammar Stage Teacher Guide lays out a thirty-six-week study of energy, light, sound, electricity, forces, and motion, plus a full unit on engineering. It includes weekly scientific demonstrations, reading assignments, notebooking assignments, additional activities, memory work, and more!* Prerequisites: None* This course includes an optional learning experience.*
Scratch Coding EL	Scratch is a program developed by MIT teaching students the basics on how computers think! This program will introduce students to real coding programs and allow them to drag and drop coding blocks creating a fully functional program. The simple user interface and tutorials allow students to quickly create and run their code to see its results! This course assumes no prior computer coding knowledge and includes self-graded multiple-choice tests and quizzes.* Prerequisites: None
Scratch Coding MS	Scratch is a program developed by MIT teaching students the basics on how computers think! This program will introduce students to real coding programs and allow them to drag and drop coding blocks creating a fully functional program. The simple user interface and tutorials allow students to quickly create and run their code to see its results! This course assumes no prior computer coding knowledge and includes self-graded multiple-choice tests and quizzes.* Prerequisites: None
Sculpture Projects EL	This is an introductory course to 2D & 3D sculpture. We will be using a variety of sculpture techniques and materials to develop skills and provide a basis for creative development aimed at gaining sensitivity in the composition, observation, and analysis of sculptural form.* Prerequisites: None* This course includes an optional learning experience.*
Sculpture Projects HS	This is an introductory course to 2D & 3D sculpture. We will be using a variety of sculpture techniques and materials to develop skills and provide a basis for creative development aimed at gaining sensitivity in the composition, observation, and analysis of sculptural form. We will discuss both sculpture from different time periods and sculpture from other countries and then create projects inspired by the artwork we've seen.* Prerequisites: None* This course includes an optional learning experience.*
Sculpture Projects MS	This is an introductory course to 2D & 3D sculpture. We will be using a variety of sculpture techniques and materials to develop skills and provide a basis for creative development aimed at gaining sensitivity in the composition, observation, and analysis of sculptural form. We will discuss both sculpture from different time periods and sculpture from other countries and then create projects inspired by the artwork we've seen. * Prerequisites: None* This course includes an optional learning experience.*
Sea Explorers EL	Join us as we travel under the sea! This cross curricular class will cover marine animals and the oceans they live in. While the focus of this class will be on ocean life we will also touch on aquatic life in lakes, rivers and other bodies of water periodically, throughout the year. We'll explore the underwater world through a variety of hands on projects and activities which will include modeling, research, experiments, games, and dissections.* Prerequisites: None* This course includes an optional learning experience.*
Sea Explorers HS	Join us as we travel under the sea! This cross curricular class will cover marine animals and the oceans they live in. While the focus of this class will be on ocean life we will also touch on aquatic life in lakes, rivers and other bodies of water periodically, throughout the year. We'll explore the underwater world through a variety of hands on projects and activities which will include modeling, research, experiments, games, and dissections.* Prerequisites: None* This course includes an optional learning experience.*
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Self Defense Martial Arts EL	In this multidisciplinary course, younger students will explore this Individual Sports pathway to focus on self defense and the martial arts. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master the techniques of this art and incorporate self defense components through research and technology activities. Goals include: develop and maintain a high level of physical fitness, develop positive attitudes and behaviors relating to physical and mental well-being, to develop knowledge and understanding of physical education concepts and develop skills needed to participate in lifelong physical activities and acquiring the skills necessary to self defend.* Prerequisites: None* This course includes an optional learning experience.*
Self Defense Martial Arts HS	In this multidisciplinary course, students will explore this Individual Sports pathway to focus on self defense and the martial arts. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master the techniques of this art and incorporate self defense components through research and technology activities. Goals include: develop and maintain a high level of physical fitness, develop positive attitudes and behaviors relating to physical and mental well-being, to develop knowledge and understanding of physical education concepts and develop skills needed to participate in lifelong physical activities and acquiring the skills necessary to self defend.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Self Defense Martial Arts MS	In this multidisciplinary course, students will explore this Individual Sports pathway to focus on self defense and the martial arts. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master the techniques of this art and incorporate self defense components through research and technology activities. Goals include: develop and maintain a high level of physical fitness, develop positive attitudes and behaviors relating to physical and mental well-being, to develop knowledge and understanding of physical education concepts and develop skills needed to participate in lifelong physical activities and acquiring the skills necessary to self defend.* Prerequisites: None* This course includes an optional learning experience.*
Sewing Skills 2 EL	In a multidisciplinary course, creating functional and artistic projects, students will continue to learn hand sewing techniques including stitching, sewing buttons and other fasteners, hemming and basic embroidery and creating sewing projects. Students will also study sewing machine use and care, and practice stitching using a machine. * Prerequisites: None * This course includes an optional learning experience. *
Sewing Skills 2 HS	In a multidisciplinary course, creating functional and artistic projects, students will continue to learn hand sewing techniques including stitching, sewing buttons and other fasteners, hemming and basic embroidery and creating sewing projects. Students will also study sewing machine use and care, and practice stitching using a machine. * Prerequisites: None * This course includes an optional learning experience. *
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Sewing Skills EL	In a multidisciplinary course, creating functional and artistic projects, students will learn basic hand sewing techniques including stitching, sewing buttons and other fasteners, hemming and basic embroidery. Students will also study basic sewing machine use and care, learn how to thread a sewing machine and practice basic stitching using a machine.* Prerequisites: None* This course includes an optional learning experience.*
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Sewing Skills MS	In a multidisciplinary course, creating functional and artistic projects, students will learn basic hand sewing techniques including stitching, sewing buttons and other fasteners, hemming and basic embroidery. Students will also study basic sewing machine use and care, learn how to thread a sewing machine and practice basic stitching using a machine. * Prerequisites: None* This course includes an optional learning experience.*
Shakespeare Projects EL	The plays of Shakespeare are too often taught in the classroom as difficult and rather obscure sacred texts. The aim of this multidisciplinary course is to remind students that Shakespeare was not only a great poet but also a great dramatist, and to show students that his plays are still exciting and dynamic as theatre. This course is designed to give students exposure to the language, work, and insight of one of the world's greatest creative literary geniuses. A major goal of the course is to familiarize students with Shakespearean drama and foundational methods of literary criticism. Another major goal of the course is to help students appreciate, understand, and even fall in love with Shakespeare's art through application and practice as they participate in group drama. This is an active/interactive course ' be ready for an adventure! * Prerequisites: None * This course includes an optional learning experience. *
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Social & Behavioral Studies EL	This cross curricular course will explore the adaptation of an individual's behavior in the social situation and what influences our judgment of others. Learners will become aware of various influences in behavior. Students will conduct self assessments on discrimination and their views of the world. Technology will be used as a research tool.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Social & Behavioral Studies HS	This cross curricular course will explore the adaptation of an individual's behavior in the social situation and what influences our judgment of others. Learners will become aware of various influences in behavior. Students will conduct self-assessments on discrimination and their views of the world. Technology will be used as a resource tool.* Prerequisites: None* This course includes an optional learning experience.*
Social & Behavioral Studies MS	This cross curricular course will explore the adaptation of an individual's behavior in the social situation and what influences our judgment of others. Learners will become aware of various influences in behavior. Students will conduct self-assessments on discrimination and their views of the world. Technology will be used as a resource tool.* Prerequisites: None* This course includes an optional learning experience.*
Social Emotional Learning EL	In Social Emotional Learning - Elementary, Dr. Pajet Monet addresses basic social and emotional concepts that every child needs - from getting along with others to self esteem, from learning to be aware of the feelings of others to dealing with insensitive people or emotionally challenging situations. Dr. Monet's sincerely caring attitude radiates out to students, helping them to accept the life-enriching ideas she presents. Addressing serious issues that students will encounter throughout their lives, Dr. Monet encourages students to realize that even at a young age, they are the captains of their fates, that they control where their lives will go, and that they have the power to overcome any adversity and become truly amazing people. * Prerequisites: None
Social Emotional Learning HS	The Acellus Social Emotional Learning - High School course helps students to explore their own potential and the choices that lie before them as they grow to adulthood. Students consider their own ability to choose the kind of person they want become and learn how to use skills like goal setting to become that person. Students explore personal aspects of their lives as well as relationships and the potential they have to impact others, as well as to gain inspiration and guidance from them. Students continue in Social and Emotional Learning (SEL) as they investigate ways to make their lives the best that they can be and preparing students to face the future with awareness and positivity. * Prerequisites: None
Social Emotional Learning MS	The Social Emotional Learning - Middle School course takes students on a journey of discovering their own personal strengths and potential while helping them develop skills that will empower them to lead vibrant, productive, happy lives. This course focuses on self-awareness, self-control, and self-direction, and the value of setting realistic goals to accomplish personal change in their lives. Students explore the beauty in their own uniqueness and the uniqueness of others. They are guided to understand that the attitudes they choose have a big impact on what they can accomplish in life, their happiness, and the impact they have on those around them. * Prerequisites: None
Social Media: Our Connected World	Have a Facebook account? What about Twitter? Whether you've already dipped your toes in the waters of social media or are still standing on the shore wondering what to make of it all, learning how to interact on social media platforms is crucial to surviving and thriving in this age of digital communication. In Social Media: Our Connected World, you'll learn the ins and outs of such social media platforms as Facebook, Twitter, Pinterest, Google+, and more and how to use them for your benefit - personally, academically, and, eventually, professionally. If you thought social media platforms were just a place to keep track of friends and share personal photos, this course will show you how to use these resources in much more powerful ways.* Prerequisites: None
Social Problems I: A World In Crisis	War, crime, poverty, global warming' world often seems full of dire warnings and predictions. How can we make sense of it all and still dare to step outside each day? Social Problems I: A World in Crisis will explore some of the biggest challenges facing our world today and prepare you to tackle them head-on. You'll learn what led to these social problems, what effects they have on our lives and societies, and what possible solutions exist for solving them. Whether you want to save the world from the next pandemic or better understand the effects of the media on society, this course will help you develop a plan of action!* Prerequisites: None
Social Problems II: Crisis, Conflicts, and Challenges	It may seem like we live in a sometimes scary and ever-changing world. Everywhere we look—from the homeless living on the streets, to world-wide health epidemics, to the often negative effects of our global world—problems seem to appear at every corner. In Social Problems II: Crisis, Conflict, and Challenges, you'll explore more of the challenges we face and learn what we can do to reduce the effects of these conflicts and problems. From drug abuse to terrorists to the changing nature of communities in our digital world, we can better face and solve these problems when we have a deeper understanding of their causes and influences on our lives. * Prerequisites: None
Social Studies 1	In the first semester, students will learn about the ways in which people contribute to their communities and work together to the benefit of all. This course explores the concepts of good citizenship, neighborhoods, and economics. We will also study maps, photos, biographies, illustrations, poetry, and music to help explain the concept of communities and extend the concept of community to the larger world. In the second semester, students continue to learn about the ways in which people contribute to their communities and work together to the benefit of all. This course explores the concepts of good citizenship, neighborhoods, and economics. We will also study maps, photos, biographies, illustrations, poetry, and music to help explain the concept of communities and extend the concept of community to the larger world.* Prerequisites: None
Social Studies 1 (Hybrid)	Through a cross curricular and banded standards approach, students will sketch an overview of history and geography. Students get to: Recline at a scrumptious Roman feast with a nobleman and his family. Discover why we know much more about Ancient Egypt than we do about other civilizations such as Crete. Encounter mighty war elephants of India with Alexander the Great and his weary troops. Start your child's journey with a fun survey of peoples of the world. See how different people groups live, build homes, talk, eat and dress. As you move into a chronological trek through history, the story-based A Child's History of the World serves as the centerpiece of your child's studies. Additionally, students will explore their community and state while exploring the greater world around them.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Social Studies 100 (Hybrid)	Through a cross curricular and banded standards approach with language arts, students move chronologically to discover fascinating empires before Columbus. See why Benedict Arnold became a traitor. Meet the founding fathers who dared to create a Constitution that has become the model for countries around the world. Walk with courageous Sacajawea as she navigates the adventure of a lifetime. Survive WWII with a Japanese-American family in a California internment camp. See the daily struggles of normal African Americans who courageously changed history through the Montgomery Bus Boycott. Level 100 takes you deeper into the complex fabric of American society. Meet Americans who lived such different lives: former slaves who established a new town in Canada, teenagers who fought in the Civil War, miners who searched for gold in the Idaho Territory, Chinese immigrants who tunneled through mountains, Irish immigrants who survived the Great Depression and more. This curriculum goes far beyond historical highlights and uncovers the fascinating ups and downs of our nation's story.* Prerequisites: None* This course includes an optional learning experience.*
Social Studies 2	Your child will continue to explore basic concepts of history, geography, economics, and government, while discovering more about world cultures. In the first semester, students will practice basic map, chart, graph, and thinking skills. We will also introduce your child to ordinary people who showed good citizenship and to famous people who have influenced our country and the world. In the second semester, students will practice basic map, chart, graph, and thinking skills. We will also introduce your child to ordinary people who showed good citizenship and to famous people who have influenced our country and the world.* Prerequisites: None
Social Studies 2 (Hybrid)	Through a cross curricular and banded standards approach, students study how history has a real impact on how we live today. Discover together that there are real historical answers to questions such as: Why did castles, knights and jousting tournaments fade away? Why do Americans use inches instead of centimeters? Why aren't there very many Kings and Queens in the world anymore? Why do children study Math and Science? Why do people from different cultures tend to view the world so differently? Go way beyond Europe. Our purpose is not simply to trace the roots of Western civilization, but to acquire an overview of how civilizations have developed all over the world. This means Europe, the Americas, Asia, the Middle East, Australia and Africa.* Prerequisites: None* This course includes an optional learning experience.*
Social Studies 3	This Social Studies course focuses on the theme of community through the study of geography, history, government, and economics. In this course, the student will explore a variety of communities, past and present, from around the world. Short stories, biographies, poetry, case studies, songs, and other resources emphasize the role of the individual in the community, as well as the influence of geography on communities. Multimedia resources including videos and interactive websites enhance and support the content. The student will learn geographic concepts such as place, location, and human interaction with the environment. Geography skills lessons are incorporated throughout the course. In addition, the student will learn the basic principles that led to the creation of the Declaration of Independence and the U.S. Constitution. The student will learn about the rights and responsibilities of citizens and the three branches of government. In the economics unit, the student will examine basic economic concepts such as money, prices, supply and demand, and taxes.* Prerequisites: None
Social Studies 3 (Hybrid)	Through a cross curricular and banded standards approach, Settle foreign lands, battle for freedom and form a revolutionary new government! Relive American history from the early Native Americans through the 1850s. Embrace the innovative spirit that characterized early American history Totally interconnected learning. Reading with History 3 links BookShark's proprietary subjects together. History, Geography, Read-Alouds, Readers and Language Arts are integrated. Meet Paul Revere in a history book, then see him in a Reader. Get to know George Washington in a biography, then see him again through children's eyes in Johnny Tremain and Phoebe the Spy. As your children learn and discover in this style, they'll make astonishing connections between the people, places and events in American History. Additionally, students will explore their community and state while exploring the greater world around them. Discover the fascinating foundations of a unique nation. Bring life to your American heritage. Ask questions such as: What makes this nation different? How did it come to exist? Why don't we have a king? Who lived in North America before Christopher Columbus came? Why did settlers risk everything to start over in the New World? See firsthand how the first modern democratic republic began. Discover how Americans fostered personal freedom and the spirit of innovation that so many countries emulate today. * Prerequisites: None* This course includes an optional learning experience.*
Social Studies 4	In this course, students are introduced to state history and use a regional approach to examine the geography and history of the United States. The course also looks at the state's people, economy, resources, and geography, and students study the structure and functions of local and state governments as well as the development of cities and industries in certain areas and will trace the evolution of U.S. water systems. In addition to learning state history, students learn how to integrate different types and uses of maps and apply geographic skills and concepts.* Prerequisites: None
Social Studies 4 (Hybrid)	Through a cross curricular and banded standards approach with Language Arts, students look at America from the Civil War through the year 2000. Walk alongside families whose lives intersect with major events in our history. The Civil War, Westward Expansion, the Industrial Revolution, WWI, the Great Depression, WWII and modern history come to life as characters grapple with the difficulties around them and overcome in the end.* Prerequisites: None* This course includes an optional learning experience.*
Social Studies 5	Using a thematic and chronological approach to United States history, this course allows students to trace the nation's history from the time of the earliest Americans through the 21st century. Students practice map skills as they learn about the growth of the United States, and develop their abilities to interpret sources, compare, and sequence. Students also learn about geography's influence on culture and historical events. Other featured topics in the course will include American independence, principles and documents of government, growth and westward expansion, federal government, state and local government, patriotism, and the rights and responsibilities of citizenship.* Prerequisites: None
Social Studies 5 (Hybrid)	Through a cross curricular and banded standards approach with Language Arts, students take an ambling trek that starts in China and moves through the rest of Asia, over to the Middle East, down to Africa, sweeps through the South Pacific, including Australia and New Zealand, and finishes in Antarctica. Get to know the people and cultures of places you hear about in the news, but may have never studied in-depth (such as Japan, India, the Philippines and Afghanistan). * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Social Studies 6	Learning about civics gives students the skills and knowledge necessary to be active citizens who have a positive impact on their communities. In this course, students discover the rights and responsibilities of citizenship in the United States. They learn about the structure of the government and how it works at the local, state and federal levels. This course examines elections, the lawmaking process, and how citizens can impact public policy. Students also discover ways the United States interacts with countries around the world. Geography and economics support the learning of civics in this course. Engaging in this study prepares students to be informed citizens who are ready to participate in the American democracy.* Prerequisites: None
Social Studies 6 (Hybrid)	Through a cross curricular and banded standards approach with language arts, students find answers to real-life questions such as: How did ancient Egypt, Israel and Assyria interact? Where did the Greeks come from? Why did Greek civilization give way to the Romans? Why did the Roman Empire fall? How did Asian culture develop during that same time? How did Western history progress during the Dark Ages? How did those centuries give rise to the Renaissance?* Prerequisites: None* This course includes an optional learning experience.*
Social Studies 7	The World Studies course provides a unique balance of history, geography, and culture; it expands students' understanding of each world region through a focus on its major countries. Additionally, students learn the foundations of geography. Regions covered include Africa, Asia and the Pacific, the United States and Canada, Europe and Russia, and Latin America. The history and geography of the ancient world and medieval times to present day are also included.* Prerequisites: None
Social Studies 7 (Hybrid)	Through a cross curricular and banded standards approach with language arts, students gain a working knowledge of what happened from the 17th century to about 1990. How did the Renaissance influence the American and French Revolutions? How did the Industrial Revolution drastically change society? How did the Western and Eastern hemispheres become so interconnected? How did Colonial powers conquer so much of the world and carve out new nations? How did those nations eventually throw off Colonial rule? What tensions led to the explosion of two world wars? What did normal life look like around the world during these changes?* Prerequisites: None* This course includes an optional learning experience.*
Social Studies 8	The American History course presents a chronological history of the American experience from the earliest times to the Civil War. It covers topics such as, colonial America, the American Revolution, issues faced by the early republic, westward expansion, and the Civil War.* Prerequisites: None
Social Studies DK	Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional Kindergarten. This course introduces students to social studies concepts such as family and individual wants and needs, concepts of civics and government, and basic geography. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. * Prerequisites: None
Social Studies DK (Hybrid)	Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional Kindergarten. This course introduces students to social studies concepts such as family and individual wants and needs, concepts of civics and government, and basic geography. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. * Prerequisites: None
Social Studies K	This course introduces students to family and individual wants and needs. History is introduced along with civics and government. Local government is studied along with basic geography.* Prerequisites: None
Social Studies K (Hybrid)	History & Geography ' Intro to the World: Cultures: Start down BookShark's bold academic path by introducing your child to new and interesting people as you travel to distant lands and long-ago times. Study Ancient Egypt, Rome, knights and castles, geography, climates and much more. Engage your child with conversation as we equip you with questions to connect him or her to the various people and places you will discover. Read-Alouds: Reading aloud to your children builds their vocabulary, listening skills and imagination. Read-Alouds also help build your children's cognitive development and gives them a passion to learn. Cuddle-up and read 23 Read-Aloud classics like Dr. Doolittle and The Boxcar Children. Readers: After your children learn just 8 letters of the alphabet they will read real stories in the Fun Tales series. If you are unsure which reading level is right for your child please check out our Quick Reading Assessment.* Prerequisites: None* This course includes an optional learning experience.*
Sociological Projects EL	This project based course for upper elementary students will merge the two disciplines of sociology and technology. Such questions like:. Why does the media of information delivery impact the rational and emotional aspects of a sociological topic? What are ways modern technology can aid us in better understanding one another? How does that very technology impact society itself?* Prerequisites: None* This course includes an optional learning experience.*
Sociological Projects HS	This project based course for upper elementary students will merge the two disciplines of sociology and technology. Such questions like:. Why does the media of information delivery impact the rational and emotional aspects of a sociological topic? What are ways modern technology can aid us in better understanding one another? How does that very technology impact society itself? * Prerequisites: None * This course includes an optional learning experience. *
Sociological Projects MS	This project based course for upper elementary students will merge the two disciplines of sociology and technology. Such questions like:. Why does the media of information delivery impact the rational and emotional aspects of a sociological topic? What are ways modern technology can aid us in better understanding one another? How does that very technology impact society itself? * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Sociology I: The Study of Human Relationships	Human beings are complex creatures; however, when they interact and begin to form relationships and societies, things become even more complicated. Are we more likely to act differently in a group than we will when we're alone? How do we learn how to be human? Sometimes it can feel as if there are more questions than answers. Sociology I: The Study of Human Relationships seeks to answer these questions and many more as it explores culture, group behavior, and societal institutions and how they affect human behavior. You'll learn how social beliefs form and how this shapes our lives. How does this happen? Join us and find out!* Prerequisites: None
Sociology II: Your Social Life	Why do people disagree on so many big issues? Where do culture wars come from? Maybe you've wondered this as you've looked through your social media feed or read the latest online article about groups fighting over different social issues. Sociology II: Your Social Life takes a powerful look at how social institutions like families, religion, government, and education shape our world and how collective behavior and social movements can create change. Although the reality of the battles isn't always pretty, gaining a clearer picture of the different sides can help you better understand how our lives are shaped by entertainment, social institutions, and social change.* Prerequisites: None
Socratic Circles EL	Through a multidisciplinary approach, students will meet new characters and explore the world through books! Students will learn how to become active readers through age appropriate literary analysis, blogging activities, projects. The class focus is on the discussion techniques including speech and debate techniques.* Prerequisites: None* This course includes an optional learning experience.*
Socratic Circles HS	Through a multidisciplinary approach, students will meet new characters and explore the world through books! Students will learn how to become active readers through age appropriate literary analysis, blogging activities, projects. The class focus is on the discussion techniques including speech and debate techniques.* Prerequisites: None* This course includes an optional learning experience.*
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Solo Instrumental EL	Through a multidisciplinary approach, students will learn how to play an instrument of their choice. Instruction will be demonstrated through classroom lecture, one-on-one instruction, activities and personal trial and error. Exploration in other areas will include music and artistic expression, composers, care and cleaning of the instruments, science of sound, orchestra, band, music theory, music history, songwriting, responsibility, accountability, and the importance of practice. Students will also be exposed to technology to enhance their learning experience.* Prerequisites: None* This course includes an optional learning experience.*
Solo Instrumental HS	Through a multidisciplinary approach, students will learn how to play an instrument of their choice. Instruction will be demonstrated through classroom lecture, one-on-one instruction, activities and personal trial and error. Exploration in other areas will include music and artistic expression, composers, care and cleaning of the instruments, science of sound, orchestra, band, music theory, music history, songwriting, responsibility, accountability, and the importance of practice. Students will also be exposed to technology to enhance their learning experience.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Solo Instrumental MS	Through a multidisciplinary approach, students will learn how to play an instrument of their choice. Instruction will be demonstrated through classroom lecture, one-on-one instruction, activities and personal trial and error. Exploration in other areas will include music and artistic expression, composers, care and cleaning of the instruments, science of sound, orchestra, band, music theory, music history, songwriting, responsibility, accountability, and the importance of practice. Students will also be exposed to technology to enhance their learning experience.* Prerequisites: None* This course includes an optional learning experience.*
Solutionary Congress Projects EL	This multidisciplinary project based class requires students to participate in a congress. This is an event you organize in your school or district, with Solutionary Teams gathering to present practical and visionary solutions to problems in their communities and the world in ways that are just, humane and sustainable for people, animals and the earth. * Prerequisites: None * This course includes an optional learning experience. *
Solutionary Congress Projects HS	This multidisciplinary project based class requires students to participate in a congress. This is an event you organize in your school or district, with Solutionary Teams gathering to present practical and visionary solutions to problems in their communities and the world in ways that are just, humane and sustainable for people, animals and the earth.* Prerequisites: None* This course includes an optional learning experience.*
Solutionary Congress Projects MS	This multidisciplinary project based class requires students to participate in a congress. This is an event you organize in your school or district, with Solutionary Teams gathering to present practical and visionary solutions to problems in their communities and the world in ways that are just, humane and sustainable for people, animals and the earth.* Prerequisites: None* This course includes an optional learning experience.*
Songwriting EL	In this multidisciplinary course, students will use a recorder, write lyrics, note rhythms, using rhyme, singing, editing, adding instruments, include optional accompaniment, and be exposed to the introduction to standard notation. Students will create an musical art project to demonstrate their learning and extension project.* Prerequisites: None* This course includes an optional learning experience.*
Songwriting HS	In this multidisciplinary course, students will use a recorder, write lyrics, note rhythms, using rhyme, singing, editing, adding instruments, include optional accompaniment, and be exposed to the introduction to standard notation. Students will create an musical art project to demonstrate their learning and extension project.* Prerequisites: None* This course includes an optional learning experience.*
Songwriting MS	In this multidisciplinary course, students will use a recorder, write lyrics, note rhythms, using rhyme, singing, editing, adding instruments, include optional accompaniment, and be exposed to the introduction to standard notation. Students will create an musical art project to demonstrate their learning and extension project.* Prerequisites: None* This course includes an optional learning experience.*
Space Odyssey EL	This hands-on class includes investigation of the Earth's motions and how they affect the appearance of the day and night sky; the major planets, their moons, and other bodies of the solar system. Students will use various forms of technology and art to create an ongoing and final project.* Prerequisites: None* This course includes an optional learning experience.*
Space Odyssey HS	This hands-on class includes investigation of the Earth's motions and how they affect the appearance of the day and night sky; the major planets, their moons, and other bodies of the solar system. Students will use various forms of technology and art to create an ongoing and final project.* Prerequisites: None* This course includes an optional learning experience.*
Space Odyssey MS	This hands-on class includes investigation of the Earth's motions and how they affect the appearance of the day and night sky; the major planets, their moons, and other bodies of the solar system. Students will use various forms of technology and art to create an ongoing and final project.* Prerequisites: None* This course includes an optional learning experience.*
Spanish - Introduction DK/K	Join Juanito and Rosalinda on a trip to explore the sights, sounds, and traditions of Mexico. In this course, students will be introduced to the Spanish language and culture through vocabulary, songs, stories, videos, and more. Along the journey, students will meet the famous Mexican artist Frida Kahlo and learn the story of Araña Pequeñita. They will also record and listen to themselves speaking new words in Spanish.Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None
Spanish - Level 1 EL	Get ready for an adventure! In this course, students will travel through Spain with Carmen and Mateo to experience the culture and traditions of this beautiful country. Students will continue to build their Spanish speaking and listening skills with new vocabulary, songs, and stories, and even play a Dominoes game!Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None
Spanish - Level 2 EL	The global tour continues! This course takes students on a trip through the scenic country of Peru, where they will learn vowel and letter sounds. Students will join Martín and María as they explore Machu Picchu and learn about the Peruvian culture with an authentic recipe for chocolate caliente. Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None

Course Name	Course Description
Spanish - Level 3 EL	It's island time! Daniela and Santiago guide students on a tour through the colorful culture and traditions of the Caribbean. Students will build on their previous Spanish language skills by learning how to ask and answer questions. Along the way, students will visit the El Yunque Rainforest and learn how to dance the merengue!Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None
Spanish - Level 4 EL	Pack your bags—you're going to Argentina! In this course, students will experience the culture and traditions of this unique country alongside Mercedes and Armando. Students will continue to build their Spanish vocabulary, learn about verb conjugations, and use adjectives. Along the way, students will visit interesting places throughout Argentina such as Patagonia and the beautiful waterfalls, Las Cataratas del Iguazú. Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None
Spanish - Level 5 EL	Costa Rica, here we come! Join Paula and Carlos on a tour through the beautiful culture and lush rainforests of Central America. With an emphasis on using mostly Spanish, this course will help increase students' language skills. In addition, students will learn about greetings in different Spanish-speaking countries, practice writing in Spanish with a typing activity, and continue to practice their speaking and listening skills.Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None
Spanish Culture 2 EL	This multidisciplinary course expands on the concepts learned in Spanish Culture 1, and expands on learning with a focus on more elaborate conversations. Fiestas (day of dead, 5th of May) to introduce to culture (food, tradition, culture, language). Activities include viewing a movie in Spanish, listen and create a project about the cultural aspects. * Prerequisites: Spanish Culture 1* This course includes an optional learning experience.*
Spanish Culture 2 HS	This multidisciplinary course expands on the concepts learned in Spanish 1, and expands on learning with a focus on more elaborate conversations. Fiestas (day of dead, 5th of may) to introduce to culture (food, tradition, culture, language). Activities include viewing a movie in Spanish, listen and create a project about the cultural aspects. * Prerequisites: Spanish Culture 1* This course includes an optional learning experience.*
Spanish Culture 2 MS	This multidisciplinary course expands on the concepts learned in Spanish 1, and expands on learning with a focus on more elaborate conversations. Fiestas (day of dead, 5th of may) to introduce to culture (food, tradition, culture, language). Activities include viewing a movie in Spanish, listen and create a project about the cultural aspects. * Prerequisites: Spanish Culture 1* This course includes an optional learning experience.*
Spanish Culture EL	This is a beginning Spanish multidisciplinary project based course, which emphasizes oral communication in a variety of topics at a basic level. Students will learn basic grammar in an oral/aural context in each class. Students will develop and improve weekly in the four language skills of speaking, listening, basic reading and writing as well as an appreciation of Spanish culture.* Prerequisites: None* This course includes an optional learning experience.*
Spanish Culture HS	This multidisciplinary introductory Spanish language and culture class provides students an avenue to be introduced to the language in such a way that they learn the grammar as well as how to communicate orally in the language. A good, working knowledge of English grammar is an advantage to any student taking this course. Students will advance their skills in the language to narrating about their lives in the past and future tenses. Their vocabulary grows as well as their ability to function in the language with an emphasis on compound tenses and the subjunctive mood. Literature is introduced and students learn to converse on a variety of topics. Students also complete a culture study through a multimedia project.* Prerequisites: None* This course includes an optional learning experience.*
Spanish Culture MS	This multidisciplinary introductory Spanish language and culture class provides students an avenue to be introduced to the language in such a way that they learn the grammar as well as how to communicate orally in the language. A good, working knowledge of English grammar is an advantage to any student taking this course. Students will advance their skills in the language to narrating about their lives in the past and future tenses. Their vocabulary grows as well as their ability to function in the language with an emphasis on compound tenses and the subjunctive mood. Literature is introduced and students learn to converse on a variety of topics. Students also complete a culture study through a multimedia project. * Prerequisites: None* This course includes an optional learning experience.*
Spanish EL Level A	Calico Spanish classes provide a unique way to learn Spanish without any prior Spanish knowledge! The easy-to-understand videos, flashcards, and images guide students through each level until, before you know it, everyone involved is beginning to speak real, useable Spanish! In Level A, children interact with Pedro the fish and María the monkey. These new friends help your learners begin to talk about themselves in simple ways, including greetings and exchanging basic information like name, age, likes, and description. Level A's color focus is blue and yellow, and the number focus is 1-3. The calendar focus is days of the week. * Prerequisites: None
Spanish EL Level B	Calico Spanish classes provide a unique way to learn Spanish without any prior Spanish knowledge! The easy-to-understand videos, flashcards, and images guide students through each level until, before you know it, everyone involved is beginning to speak real, useable Spanish! In Level B, children meet new friends Pepe the dog, Goyo the cat, and Camilo the rabbit. These characters help learners begin to talk about their families in simple ways, including naming and describing family members and pets as well as discussing likes and dislikes. Level B's color focus is brown, white, and black, and the number focus is 4-6. The calendar focus is months of the year. * Prerequisite: Spanish EL Level A

Course Name	Course Description
Spanish EL Level C	Calico Spanish classes provide a unique way to learn Spanish without any prior Spanish knowledge! The easy-to-understand videos, flashcards, and images guide students through each level until, before you know it, everyone involved is beginning to speak real, useable Spanish! In Level C, children spend a day with Rita the frog and her family and friends, including Raúl the mouse. These new friends help your learners use simple language to talk about activities around the house, including eating, playing games, and daily routine. Level C's color focus is red and green, and the number focus is 7-12. The calendar focus is telling time. *Prerequisite: Spanish EL Level B
Spanish EL Level D	Calico Spanish classes provide a unique way to learn Spanish without any prior Spanish knowledge! The easy-to-understand videos, flashcards, and images guide students through each level until, before you know it, everyone involved is beginning to speak real, useable Spanish! In Level D, children spend a full year with Ofelia the white sheep and her friends on her family farm in Michoacán, México. César the pig and a mother-daughter monarch butterfly team, Mía and Maite, experience the Day of the Dead, the monarch butterfly migration, a balloon festival, and all the seasons with Ofelia on her farm. Along the way, they help learners talk about clothing, weather, seasons, and many outdoor activities. Level D's color focus is pink and orange, and the number focus is numbers 20 through 100. The calendar focus is seasons. * Prerequisite: Spanish EL Level C
Spanish I	Students cover basic vocabulary, grammar, spelling, and punctuation to build a solid foundation for further study. Assignments include engaging in simple conversation, writing paragraphs, and listening to Spanish dialogue. Students also study the history and culture of Spanish-speaking people. * Prerequisites: None
Spanish I MS	Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None
Spanish II	In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities, including Time to Talk sessions with a native Spanish speaker! As they engage in more advanced conversations, write paragraphs and stories, and translate to and from Spanish, students improve their vocabulary and grammar. Intense listening comprehension exercises aid in understanding more complex thoughts and subjects. * Prerequisites: Spanish I
Spanish II MS	Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. * Prerequisites: MS Spanish I
Spanish III	Spanish III A is a continuation of the first two years of Spanish instruction. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: feelings, transportation, work, countries, and the future. The student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, articles, and adjectives. Elements of the Spanish-speaking world and culture appear throughout the course, including people, geographical locations, and histories. * Prerequisites: Spanish II
Spanish IV	This course continues to build on the skills the student has mastered in his previous Spanish courses. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. Throughout the five topics covered in this course, the student will learn to express himself using an ever-increasing vocabulary, presenttense verbs, past-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the Spanish-speaking world and culture appear throughout the course, including people, geographical locations, and histories. * Prerequisites: Spanish III
Speech and Debate	Using video tutorials, students study verbal and nonverbal techniques, including those of famous orators, use when presenting simple and complex ideas and when speaking to a group. Using an audiovisual tool to record their speeches, students learn how to speak persuasively, develop position statements, support their arguments, and think analytically. Brainstorming techniques, media analysis, research skills, and presentation strategies are also discussed.* Prerequisites: None
Speech Writing Publish EL	This cross curricular class for younger students provides students with unique learning experiences to create dynamic speeches using historical documents. Students will explore creative writing techniques to establish their voice and command an audience.* Prerequisites: None* This course includes an optional learning experience.*
Speech Writing Publish HS	This cross curricular class provides students with unique learning experiences to create dynamic speeches using historical documents. Students will explore creative writing techniques to establish their voice and command an audience.* Prerequisites: None* This course includes an optional learning experience.*
Speech Writing Publish MS	This cross curricular class provides students with unique learning experiences to create dynamic speeches using historical documents. Students will explore creative writing techniques to establish their voice and command an audience. * Prerequisites: None* This course includes an optional learning experience.*
Sports and Entertainment Marketing IA: Intro	Whether you are watching a famous athlete make an unbelievable play or witnessing a sensational singing performance, the world of sports and entertainment is never boring. Although it may seem impossible for you to be a part of this glittery world, it's not! The Sports and Entertainment Marketing field offers careers that combine entertainment with traditional marketing, but with a whole lot more glamour. Explore basic marketing principles while delving deeper into the multibillion dollar sports and entertainment industry. Learn how professional athletes, sports teams, and famous entertainers are marketed as commodities and how the savvy people who handle these deals can become very successful. This course will show you exactly how things work behind the scenes of a major entertainment event and how you can be part of the act.* Prerequisites: None
Sports and Entertainment Marketing IB: Promoting the Main Event	Get ready to drop your spectator status for an all-access pass to enter the exciting world of sports and entertainment marketing! In this course, you'll secure a solid foundation of effective marketing by studying the different roles and levels and how they relate to one another. Then, you'll explore the modern marketing methods professionals use to take an event concept and make it successful. Finally, you'll get up to speed on industry terminology and touchpoints with the help of HR. Get ready to flash that pass and gain all-star access to the stage and arena! * Prerequisites: None

Course Name	Course Description
Sports Management	In this introduction to the fast-growing field, students explore topics such as sports marketing, branding, ticket sales, media relations, and ethics. They also learn tips for breaking into the industry. The activities and assignments require students to respond to real-world sports management scenarios.* Prerequisites: None
Sports Medicine 2A: Working With Clients	You've learned the basics about how the body works and how to attend to athletes' injuries, but now, it's time to get personal! Time to personalize and plan for clients, that is! In this course, you will learn to develop dietary and exercise regimes for clients based on their needs and goals. You'll even have an opportunity to turn plans into action by designing workouts for your own example gym. Let's hit the ground running and continue building towards a career as a trainer! * Prerequisites: Sports Medicine 1A&B
Sports Medicine 2B: Personalizing Your Practice	"Five, four, three, two, one—rest." You've learned what it looks like to work one-on-one with clients as a sports medicine professional, and now it's time to focus on the group. In this course, you will be introduced to teaching group exercise classes and providing rehabilitation services to clients facing injury and disease. You will also learn about laws that govern the work of sports medicine professionals, business concerns like insurance and staffing, and what you need to consider if you start your own fitness facility. It looks like it's time for the next set! Let's get started! * Prerequisites: Sports Medicine 1A&B
Sports Medicine IA: Introduction	What do you think of when you hear the phrase "sports medicine professional"? Believe it or not, the term encompasses a much larger range of career options than jobs typically associated with this field. Explore some of the most popular career pathways, day-to-day responsibilities, emergency care for athletes, and legal obligations. Discover what nutrition, healthy lifestyle, and fitness truly mean, and dive into anatomy, human biomechanics, and exercise modalities. Learn how to get started in this exciting field. * Prerequisites: None
Sports Medicine IB: Injury Prevention	You've warmed up those muscles and stretched your understanding of basic human biomechanics, but now it's time to power forward your learning even further! In Sports Medicine IB: Injury Prevention, you'll expand your understanding of the human body to provide a greater context for injury in a variety of scenarios. You'll learn how to evaluate an injury, onsite tests to perform, and when to refer a patient to a medical professional. You'll also explore the anatomy of specific body areas to better understand injuries that may occur as well as ways to prevent injury. Are you ready to keep athletes functioning at peak levels? Grab your sports tape and let's hit the field of sports medicine! * Prerequisites: Sports Medicine IA: Introduction
Starkweather Project EL	Students become historians and archaeologists and documentary filmmakers in this multidisciplinary class as they study the Starkweather. By researching and documenting the findings at the Starkweather home, scholars must work together to understand the evidence they uncover and create a record of the journey to discover the historical significance of one of the oldest homes in the state of Michigan.* Prerequisites: None* This course includes an optional learning experience.*
Starkweather Project HS	Students become historians and archaeologists and documentary filmmakers in this multidisciplinary class as they study the Starkweather. By researching and documenting the findings at the Starkweather home, scholars must work together to understand the evidence they uncover and create a record of the journey to discover the historical significance of one of the oldest homes in the state of Michigan.* Prerequisites: None* This course includes an optional learning experience.*
Starkweather Project MS	Students become historians and archaeologists and documentary filmmakers in this multidisciplinary class as they study the Starkweather. By researching and documenting the findings at the Starkweather home, scholars must work together to understand the evidence they uncover and create a record of the journey to discover the historical significance of one of the oldest homes in the state of Michigan.* Prerequisites: None* This course includes an optional learning experience.*
Statistics	This course addresses descriptive statistics topics including frequency distributions, histograms, graphs, and measures of center and spread. Probability topics include addition rules, multiplication rules, conditional probabilities, counting rules, binomial distribution, and normal distribution. Inferential statistics topics include estimations for population measures, hypothesis testing, correlation, goodness-of-fit, and statistical process control.* Prerequisites: None
STEM I: Introduction to Coding I: EL/MS	In the Acellus Introduction to Coding course, students are taught how to program using the Blockly coding language. With Blockly, everything is done with little building blocks that snap together in an intuitive way. Each block represents a small piece of code that together make an entire program. Coding with blocks allows students to focus on the fundamental principles of coding without the challenging initial learning curve required for traditional programming languages. Students will be led through activities with incrementally more advanced building blocks. Each block is similar in structure to the syntax and style of real world programming languages. As students learn to program by snapping blocks together, they are laying a foundation for more advanced programming languages. Students will learn about conditional statements, loops, and functions.* Prerequisites: None
STEM II: JavaScript EL/MS	Acellus Introduction to Coding 2 is the second coding course in the Acellus STEM10 initiative. Students are taught how to code first with Blockly and then with JavaScript source code. With Blockly, everything is done using little building blocks that snap together in an intuitive way. The blocks are used to help introduce students to the JavaScript syntax. Students will study fundamental programming concepts, as well as practice writing their own source code. * Prerequisites: STEM 1: Introduction to Coding I (Acellus)
STEM III: Electronics and Coding EL/MS	Electronics is one of the foundational technologies enabling our modern world. This course shows how electricity is used to make computers and robotics possible. Students will learn about concepts like voltage, current, resistance, and capacitance. They will also continue to practice JavaScript skills they learned in the previous STEM course. Studies will culminate in combining the electronics and coding concepts in ways that show how they are used together in the real world.* Prerequisites: STEM 2: JavaScript (Acellus)
Strategies EL	This multidisciplinary class will introduce students to strategies and life skills that can be applied to decision-making processes in their educational studies. Students can take on some of the responsibility for their own learning and can take personal action to solve problems, resolve conflicts, discuss alternatives, and focus on thinking as a vital element of the curriculum. * Prerequisites: None * This course includes an optional learning experience. *

Course Name	Course Description
Strategies for Academic Success	Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this one-semester course encourages high school and middle school students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.* Prerequisites: Counselor Approval
Strategies HS	This multidisciplinary class will introduce students to critical thinking attributes and life skills that can be applied to decision-making processes in both their educational studies. Students will collaborate with peers while applying strategies to solve real life mathematical problems or game based challenges such as those in chess.* Prerequisites: None* This course includes an optional learning experience.*
Strategies MS	This multidisciplinary class will introduce students to strategies and life skills that can be applied to decision-making processes in their educational studies. Students can take on some of the responsibility for their own learning and can take personal action to solve problems, resolve conflicts, discuss alternatives, and focus on thinking as a vital element of the curriculum. * Prerequisites: None * This course includes an optional learning experience. *
Studio Art	In order to provide a comprehensive study of art, students in Studio Art I analyze and interpret artwork created by others, examine the concepts of aesthetics and art criticism, and explore the practical application of art in a variety of careers. Studio Art I spotlights drawing as a form of communication and introduces students to the elements of art and principles of design through hands-on activities. Students sharpen their observation skills using a variety of art media. Through practice and experimentation, students become adept at using basic techniques and processes to depict the world around them and express their thoughts and feelings.* Prerequisites: None
Study Skills and Strategies	The Study Skills and Strategies course equips students with skills and understandings critical to effective learning. Using a unique approach to the traditional topic of study skills, this course weaves understanding regarding the role of the brain in learning into the instruction of discrete learning skills and strategies. Moving beyond a list of good tips and ideas, the Study Skills and Strategies course will challenge students to develop intentional approaches to learning. They will be required to make connections between the strategies and skills they learn in this course and the implementation of those strategies and skills in their other coursework. Upon completion of the course, students will have learned a variety of specific learning skills and strategies, gained greater understanding of their own learning preferences, and become prepared to develop and implement specific learning and study plans for any academic course or other learning needs.* Prerequisites: None
Study Skills EL	Students will be given practical hands on tools to use with their current class workloads as needed throughout the semester. In-class workshops will be provided to allow students to have a hands-on approach to their current study skill challenges. We'll work on a variety of strategies and soft skills such as test taking skills, note taking, memory, online research, and time-management using a cross curricular approach.* Prerequisites: None* This course includes an optional learning experience.*
Study Skills HS	Students will be given practical hands on tools to use with their current class workloads as needed throughout the semester. In-class workshops will be provided to allow students to have a hands-on approach to their current study skill challenges. We'll work on a variety of strategies and soft skills such as test taking skills, note taking, memory, online research, and time-management using a cross curricular approach.* Prerequisites: None* This course includes an optional learning experience.*
Study Skills MS	Students will be given practical hands on tools to use with their current class workloads as needed throughout the semester. In-class workshops will be provided to allow students to have a hands-on approach to their current study skill challenges. We'll work on a variety of strategies and soft skills such as test taking skills, note taking, memory, online research, and time-management using a cross curricular approach. * Prerequisites: None* This course includes an optional learning experience.*
Team Games EL	This multidisciplinary class will open the students' eyes to the vast world of sports and games beyond. We will learn about and play physical games. This class promotes ageappropriate developmental skills, team cooperation, good sportsmanship, and a fun, positive outlet for energy! Games will vary based on age range for the class and will include: Hand-eye coordination activities, parachute games, tag and team games, relay games, obstacle course games, and more! Technology will be utilized to explore the rules of the games, the elements of using your body and other items to enhance a healthy lifestyle.* Prerequisites: None* This course includes an optional learning experience.*
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Team Sports EL	Through a multidisciplinary approach, students will participate and explore a variety of team sports including but not limited to basketball, volleyball, baseball, hockey and other team sports. They will learn the skills and rules in each studied sport. Team-building, mechanics and energy required to complete tasks, Strategies and logic, Healthy choices, Training, Stress management and recovery, overcoming challenges, Past success stories/people/team, Planning and goal setting, Emotional and mental control, Leadership, coaching roles and communication are the skills that students will learn and explore.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Team Sports HS	Through a multidisciplinary approach, students will participate and explore a variety of team sports including but not limited to basketball, volleyball, baseball, hockey and other team sports. They will learn the skills and rules in each studied sport. Team-building, mechanics and energy required to complete tasks, Strategies and logic, Healthy choices, Training, Stress management and recovery, overcoming challenges, Past success stories/people/team, Planning and goal setting, Emotional and mental control, Leadership, coaching roles and communication are the skills that students will learn and explore.* Prerequisites: None* This course includes an optional learning experience.*
Team Sports MS	Through a multidisciplinary approach, students will participate and explore a variety of team sports including but not limited to basketball, volleyball, baseball, hockey and other team sports. They will learn the skills and rules in each studied sport. Team-building, mechanics and energy required to complete tasks, Strategies and logic, Healthy choices, Training, Stress management and recovery, overcoming challenges, Past success stories/people/team, Planning and goal setting, Emotional and mental control, Leadership, coaching roles and communication are the skills that students will learn and explore.* Prerequisites: None* This course includes an optional learning experience.*
Team Sports: Basketball EL	Through a multidisciplinary approach, students will participate and explore a variety of team sports including but not limited to basketball, and other team sports. They will learn the skills and rules in each studied sport. Team-building, mechanics and energy required to complete tasks, Strategies and logic, Healthy choices, Training, Stress management and recovery, overcoming challenges, Past success stories/people/team, Planning and goal setting, Emotional and mental control, Leadership, coaching roles and communication are the skills that students will learn and explore. * Prerequisites: None * This course includes an optional learning experience. *
Team Sports: Basketball HS	Through a multidisciplinary approach, students will participate and explore a variety of team sports including but not limited to basketball, and other team sports. They will learn the skills and rules in each studied sport. Team-building, mechanics and energy required to complete tasks, Strategies and logic, Healthy choices, Training, Stress management and recovery, overcoming challenges, Past success stories/people/team, Planning and goal setting, Emotional and mental control, Leadership, coaching roles and communication are the skills that students will learn and explore. * Prerequisites: None * This course includes an optional learning experience. *
Team Sports: Basketball MS	Through a multidisciplinary approach, students will participate and explore a variety of team sports including but not limited to basketball, and other team sports. They will learn the skills and rules in each studied sport. Team-building, mechanics and energy required to complete tasks, Strategies and logic, Healthy choices, Training, Stress management and recovery, overcoming challenges, Past success stories/people/team, Planning and goal setting, Emotional and mental control, Leadership, coaching roles and communication are the skills that students will learn and explore.* Prerequisites: None* This course includes an optional learning experience.*
Team Sports: Hockey EL	Through a multidisciplinary approach, students will participate and explore hockey and other team sports. They will learn the skills and rules in each studied sport. Team-building, mechanics and energy required to complete tasks, Strategies and logic, Healthy choices, Training, Stress management and recovery, overcoming challenges, Past success stories/people/team, Planning and goal setting, Emotional and mental control, Leadership, coaching roles and communication are the skills that students will learn and explore. * Prerequisites: None* This course includes an optional learning experience.*
Team Sports: Hockey HS	Through a multidisciplinary approach, students will participate and explore hockey and other team sports. They will learn the skills and rules in each studied sport. Team-building, mechanics and energy required to complete tasks, Strategies and logic, Healthy choices, Training, Stress management and recovery, overcoming challenges, Past success stories/people/team, Planning and goal setting, Emotional and mental control, Leadership, coaching roles and communication are the skills that students will learn and explore. * Prerequisites: None* This course includes an optional learning experience.*
Tech Design EL	Through applications including app design, html studies, robotics or Minecraft, students will explore technology design concepts through a multidisciplinary approach. Each week, a new concept will be explored and a new challenge executed to reinforce the concept. Students create a culminating project based on their tech design pathway.* Prerequisites: None* This course includes an optional learning experience.*
Tech Design HS	Through applications including app design, html studies, robotics or Minecraft, students will explore technology design concepts through a multidisciplinary approach. Each week, a new concept will be explored and a new challenge executed to reinforce the concept. Students create a culminating project based on their tech design pathway.* Prerequisites: None* This course includes an optional learning experience.*
Tech Design MS	Through applications including app design, html studies, robotics or Minecraft, students will explore technology design concepts through a multidisciplinary approach. Each week, a new concept will be explored and a new challenge executed to reinforce the concept. Students create a culminating project based on their tech design pathway. * Prerequisites: None* This course includes an optional learning experience.*
Tech Web EL	In this project based multidisciplinary class, students will explore the World Wide Web through programming, designing and creating programs in Minecraft. Students will use Python and GameStart to develop their web skills.* Prerequisites: None* This course includes an optional learning experience.*
Tech Web HS	In this project based multidisciplinary class, students will explore the World Wide Web through programming, designing and creating programs in Minecraft. Students will use Python and GameStart to develop their web skills.* Prerequisites: None* This course includes an optional learning experience.*
Tech Web MS	In this project based multidisciplinary class, students will explore the World Wide Web through programming, designing and creating programs in Minecraft. Students will use Python and GameStart to develop their web skills. * Prerequisites: None* This course includes an optional learning experience.*
Technical Writing Projects EL	Technical Writing Projects is designed for students who wish to apply writing skills to technology and industry fields. Students will learn through a multidisciplinary approach to apply a variety of technical reading, writing skills and strategies as well as have an opportunity to gain an in-depth knowledge in a field of interest. Work might include but not be limited to: Research, working with small offices or businesses in the community.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Technical Writing Projects HS	Technical Writing Projects is designed for students who wish to apply writing skills to technology and industry fields. Students will learn through a multidisciplinary approach to apply a variety of technical reading, writing skills and strategies as well as have an opportunity to gain an in-depth knowledge in a field of interest. Work might include but not be limited to: Research, working with small offices or businesses in the community.* Prerequisites: None* This course includes an optional learning experience.*
Technical Writing Projects MS	Technical Writing Projects is designed for students who wish to apply writing skills to technology and industry fields. Students will learn through a multidisciplinary approach to apply a variety of technical reading, writing skills and strategies as well as have an opportunity to gain an in-depth knowledge in a field of interest. Work might include but not be limited to: Research, working with small offices or businesses in the community.* Prerequisites: None* This course includes an optional learning experience.*
Technology & Human Function EL	This is an advanced multidisciplinary natural world, project based course. Students will research and explore the technology used exploring the "human frontier." The course is divided into several module projects.* Prerequisites: None* This course includes an optional learning experience.*
Technology & Human Function HS	This is an advanced multidisciplinary natural world, project based course. Students will research and explore the technology used exploring the "human frontier." The course is divided into several module projects.* Prerequisites: None* This course includes an optional learning experience.*
Technology & Human Function MS	This is an advanced multidisciplinary natural world, project based course. Students will research and explore the technology used exploring the human frontier. The course is divided into several module projects. * Prerequisites: None* This course includes an optional learning experience.*
Technology Grade 1	The Computer Science Grade 1 course will enable students to develop basic skills in computer science through engaging and age-appropriate content. The course will expose students to concepts such as problem solving, algorithms, and basic computer skills. In addition, students will learn about being good digital citizens, recognizing cyberbullying, and communicating effectively and safely with technology. * Prerequisites: None
Technology Grade 2	The Elementary Introductory to Computer Science courses will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem-solving and algorithms, security/privacy/copyright, computer programming basics and keyboarding skills. Students will learn block-based coding in offline environments in kindergarten through 2nd grade and will build upon those skills in online coding environments in grades 2–5. In addition to the computer skills, the Computer Science suite integrates standards from Health and Language Arts with topics in each grade about safety and health (online and offline), bullying/cyberbullying, and being a responsible citizen/digital citizen. The upper grades will complete research focused on adaptive technology, social media and/or robotics. The research will require students to evaluate reliable and relevant websites, organize data, receive and implement feedback and produce a digital artifact. * Prerequisites: None
Technology Grade 3	The Elementary Introduction to Technology courses will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem-solving and algorithms, security/privacy/copyright, computer programming basics, and keyboarding skills. In addition to the computer skills, the Computer Science suite integrates standards from Health and Language Arts with topics in each grade about safety and health (online and offline), bullying/cyberbullying and being a responsible citizen/digital citizen. The upper grades will complete research focused on adaptive technology, social media, and/or robotics. The research will require students to evaluate reliable and relevant websites, organize data, receive and implement feedback, and produce a digital artifact. * Prerequisites: None
Technology Grade 4	The Elementary Introduction to Technology courses will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem-solving and algorithms, security/privacy/copyright, computer programming basics, and keyboarding skills. In addition to the computer skills, the Computer Science suite integrates standards from Health and Language Arts with topics in each grade about safety and health (online and offline), bullying/cyberbullying and being a responsible citizen/digital citizen. The upper grades will complete research focused on adaptive technology, social media, and/or robotics. The research will require students to evaluate reliable and relevant websites, organize data, receive and implement feedback, and produce a digital artifact. * Prerequisites: None
Technology Grade 5	The Elementary Introduction to Technology courses will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem-solving and algorithms, security/privacy/copyright, computer programming basics, and keyboarding skills. In addition to the computer skills, the Computer Science suite integrates standards from Health and Language Arts with topics in each grade about safety and health (online and offline), bullying/cyberbullying and being a responsible citizen/digital citizen. The upper grades will complete research focused on adaptive technology, social media, and/or robotics. The research will require students to evaluate reliable and relevant websites, organize data, receive and implement feedback, and produce a digital artifact. * Prerequisites: None
Technology Grade K	The Elementary introduction to Technology course will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem-solving and algorithms, security/privacy/copyright, computer programming basics and keyboarding skills. Students will learn block based coding in offline environments in kindergarten through 2nd grade and will build upon those skills in online coding environments in grades 2-5. * Prerequisites: None
Technology Projects EL	Some understanding of coding and programming is essential for digital natives today. This multidisciplinary class is designed to help students "dip their feet into the water." Fun, relaxed pace for students a bit curious about what makes their digital devices tick, web pages function and how the web pages are formatted. Great apps and websites begin with a great idea! Students will explore technology design and produce and present a project that reflects their work over the semester.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Technology Projects HS	Some understanding of coding and programming is essential for digital natives today. This multidisciplinary class is designed to help students "dip their feet into the water." Fun, relaxed pace for students a bit curious about what makes their digital devices tick, web pages function and how the web pages are formatted. Great apps and websites begin with a great idea! Students will explore technology design and produce and present a project that reflects their work over the semester.* Prerequisites: None* This course includes an optional learning experience.*
Technology Projects MS	Some understanding of coding and programming is essential for digital natives today. This multidisciplinary class is designed to help students dip their feet into the water. Fun, relaxed pace for students a bit curious about what makes their digital devices tick, web pages function and how the web pages are formatted. Great apps and websites begin with a great idea! Students will explore technology design and produce and present a project that reflects their work over the semester. * Prerequisites: None* This course includes an optional learning experience.*
Testing Strategies EL	Students develop test-taking skills. Students learn to anticipate why and when tests are given, evaluate their test-taking attitudes, develop successful test-taking strategies for objective and essay tests, learn post-test evaluation, and explore test anxiety and methods for managing it. Students will develop successful test-taking attitude, use effective strategies for taking objective and essay tests, evaluate past test performance, and manage test anxiety. This course is introductory and prepares students for the next level.* Prerequisites: None* This course includes an optional learning experience.*
Testing Strategies HS	Students develop test-taking skills. Students learn to anticipate why and when tests are given, evaluate their test-taking attitudes, develop successful test-taking strategies for objective and essay tests, learn post-test evaluation, and explore test anxiety and methods for managing it. Students will develop successful test-taking attitude, use effective strategies for taking objective and essay tests, evaluate past test performance, and manage test anxiety.* Prerequisites: None* This course includes an optional learning experience.*
Testing Strategies MS	Students develop test-taking skills. Students learn to anticipate why and when tests are given, evaluate their test-taking attitudes, develop successful test-taking strategies for objective and essay tests, learn post-test evaluation, and explore test anxiety and methods for managing it. Students will develop successful test-taking attitude, use effective strategies for taking objective and essay tests, evaluate past test performance, and manage test anxiety. * Prerequisites: None* This course includes an optional learning experience.*
The History of Gaming & Esports	In this course, students will learn about the technologies and design principles that have been the foundation of the development of video game technology over the last 50 years. Students will examine and discuss the impact of video games on culture and the economy. Students will learn about the current gaming and e-sports landscape, including strategies and techniques of top teams and individuals. This course will also discuss the risks and dangers of video games and understand how to set appropriate time and content parameters. Finally, the course will identify career paths and opportunities for those who are passionate about gaming. * Prerequisites: None
The Lord of the Rings: An Exploration of the Films & Their Literary Influences	Hobbits, Orcs, wizards, dashing knights, and powerful elves are all part of the magic created in J.R.R. Tolkien's famously epic tale, The Lord of the Rings. For years, the vivid characters within this beloved story could exist only in the readers' minds until it was adapted into a movie that allowed fans to finally see, through the eyes of Hollywood magic and brilliant technology, the manifestation of these characters onscreen. What does it take to transport these well-known images like Gollum and the Shire from dusty pages to the giant screen? In The Lord of the Rings: An Exploration of the Films & Its Literary Influences, you will see first-hand how classic literature can become modern film and bring the fantasy alive for a whole new generation of believers.* Prerequisites: None

Course Name	Course Description
Theater, Cinema & Film Production 1A: Intro	Lights! Camera! Action! Theater and cinema are both forms of art that tell a story. Let's explore the enchanting world of live theater and its fascinating relationship to the silver screen. Explore the different genres of both and how to develop the script for stage and film. Then dive into how to bring the script to life with acting and directing. If you have a passion for the art of film and stage, let's bring your creativity to life! * Prerequisites: None
Theater, Cinema & Film Production 1B: Lights, Camera, Action!	Lights, camera, action … take two! Whether you're a performer, critic, or fan, you'll pull back the curtain to dive deeper into the making of movies and theater performances. Explore multiple facets of the production process from both theater and film. Gain insights from industry leaders along the way and learn to think critically about different aspects to develop your unit-by-unit blog. You'll fully understand how high-quality entertainment and art are crafted for the theater and the silver screen. * Prerequisites: None
Theatre Art & Tech EL	Through a multidisciplinary approach, in this class students will participate in a general exploration of theatre that develops a better understanding of the elements of theatre, public speaking, voice projection, writing a play and creating a production using technology and artistic expression. Students will develop an understanding of the various roles of theatre artist and gain a greater appreciation through collaboration and practical application for creating theatre. Students will participate in all aspects of creating and performing a play as well as hone interpersonal and team building skills.* Prerequisites: None* This course includes an optional learning experience.*
Theatre Art & Tech HS	Through a multidisciplinary approach, in this class students will participate in a general exploration of theatre that develops a better understanding of the elements of theatre, public speaking, voice projection, writing a play and creating a production using technology and artistic expression. Students will develop an understanding of the various roles of theatre artist and gain a greater appreciation through collaboration and practical application for creating theatre. Students will participate in all aspects of creating and performing a play as well as hone interpersonal and team building skills.* Prerequisites: None* This course includes an optional learning experience.*
Theatre Art & Tech MS	Through a multidisciplinary approach, in this class students will participate in a general exploration of theatre that develops a better understanding of the elements of theatre, public speaking, voice projection, writing a play and creating a production using technology and artistic expression. Students will develop an understanding of the various roles of theatre artist and gain a greater appreciation through collaboration and practical application for creating theatre. Students will participate in all aspects of creating and performing a play as well as hone interpersonal and team building skills. * Prerequisites: None* This course includes an optional learning experience.*
Trigonometry	This course addresses analyzing functions, transformations, and inverse functions. Students will also learn about radians, the unit circle, right-triangle trigonometry, trigonometric functions, inverse trigonometric functions, trigonometric identities, and trigonometric equations. Additional topics include vectors, conic sections, parametric curves, and the polar coordinate system. * Prerequisites: Algebra II
U.S. History	This course will explore the growth of American society and the emergence of the United States as a world power. The course covers the significant developments in America's past from Reconstruction to World War I with brief connections to early settlement, colonization, and the development of America as an independent nation. The student will focus on American political, economic, and social history from a chronological point of view. Activities in this course are designed to develop the student's abilities to question, read, analyze, interpret, and evaluate different forms of information, as well as to communicate his or her ideas to others. Geography skills will be interwoven in the lessons, as the student makes connections between the evolution of America's geography and its historical impact. This course will continue the study of American history, tracing the changes in American society from World War II through the present. This course will continue to follow the chronology of American political, economic, and social history. Every unit will provide practice with critical social studies skills, including analyzing primary sources, recognizing point of view, identifying cause and effect, evaluating different forms of information, and communicating ideas to others. Geography skills are interwoven in the lessons, as the student makes connections between the evolution of America's geography and its impact on historical events.* Prerequisites: None
U.S. History CR	This course will explore the growth of American society and the emergence of the United States as a world power. The course covers the significant developments in America's past from Reconstruction to World War I with a brief review of early settlement, colonization, and the development of America as an independent nation. The student will focus on American political, economic, and social history from a chronological point of view. Activities in this course are designed to develop the student's abilities to question, read, analyze, interpret, and evaluate different forms of information, as well as to communicate his or her ideas to others. Geography skills will be interwoven in the lessons, as the student makes connections between the evolution of America's geography and its historical impact. This course will continue the study of American history, tracing the changes in American society from World War II through the present. This course will continue to follow the chronology of American political, economic, and social history. Every unit will provide practice with critical social studies skills, including analyzing primary sources, recognizing point of view, identifying cause and effect, evaluating different forms of information, and communicating ideas to others. Geography skills are interwoven in the lessons, as the student makes connections between the evolution of America's geography and its impact on historical events.* Prerequisites: None
Ukulele IA	The ukulele is the perfect instrument for budding musicians who have never played a musical instrument, as well as experienced musicians who desire to expand their instrumental diversity. Ukulele I is an entry-level course for students wishing to develop knowledge of musical concepts, while also developing the technical skills necessary to play melodies and accompaniments on the ukulele. Various forms of notation and symbolism common to the ukulele (e.g. standard notation, tablature, fretboard diagrams and chord diagrams) are presented along with techniques and strategies for improvising melodies and chord accompaniments. No prior music background is required. * Prerequisites: None * Students will need to borrow, rent, or purchase a working ukulele (soprano, concert, or tenor). A web cam or video recording device is required for performance assessments.
Ukulele IA MS	The ukulele is the perfect instrument for budding musicians who have never played a musical instrument, as well as experienced musicians who desire to expand their instrumental diversity. Ukulele I is an entry-level course for students wishing to develop knowledge of musical concepts, while also developing the technical skills necessary to play melodies and accompaniments on the ukulele. Various forms of notation and symbolism common to the ukulele (e.g. standard notation, tablature, fretboard diagrams and chord diagrams) are presented along with techniques and strategies for improvising melodies and chord accompaniments. No prior music background is required. * Prerequisites: None * Students will need to borrow, rent, or purchase a working ukulele (soprano, concert, or tenor). A web cam or video recording device is required for performance assessments.

Course Name	Course Description
Ukulele IB	The ukulele is the perfect instrument for budding musicians who have never played a musical instrument, as well as experienced musicians who desire to expand their instrumental diversity. Ukulele I is an entry-level course for students wishing to develop knowledge of musical concepts, while also developing the technical skills necessary to play melodies and accompaniments on the ukulele. Various forms of notation and symbolism common to the ukulele (e.g. standard notation, tablature, fretboard diagrams and chord diagrams) are presented along with techniques and strategies for improvising melodies and chord accompaniments. No prior music background is required. * Prerequisites: Ukulele IA or equivalent knowledge and experience. * Students will need to borrow, rent, or purchase a working ukulele (soprano, concert, or tenor). A web cam or video recording device is required for performance assessments.
Ukulele IB MS	The ukulele is the perfect instrument for budding musicians who have never played a musical instrument, as well as experienced musicians who desire to expand their instrumental diversity. Ukulele I is an entry-level course for students wishing to develop knowledge of musical concepts, while also developing the technical skills necessary to play melodies and accompaniments on the ukulele. Various forms of notation and symbolism common to the ukulele (e.g. standard notation, tablature, fretboard diagrams and chord diagrams) are presented along with techniques and strategies for improvising melodies and chord accompaniments. No prior music background is required. * Prerequisites: Ukulele IA MS or equivalent knowledge and experience. * Students will need to borrow, rent, or purchase a working ukulele (soprano, concert, or tenor). A web cam or video recording device is required for performance assessments.
Upper EL Science (Hybrid)	Elemental Science explores the study of science through texts, workbooks, supplemental reading resources and hands-on experiments at all levels of study. Elemental Science Biology provides a first look at the living world, animals, the human body, and plants. Elemental Science Earth Science explores our planet and our solar system. Elemental Science Chemistry explores the study of matter, the periodic table, physical and chemical changes, solutions, acids, and bases, plus a bit of organic chemistry. Elemental Science Physics provides a first look at motion, forces, energy, and more. * Prerequisites: None * This course includes an optional learning experience. *
Upper EL Social Studies (Hybrid)	Story of the World explores multiple time era in chronological fashion via texts, activity books, supplemental literature readings, map activities, coloring pages and projects that explore history, art and science. Upper elementary includes: Story of the World Ancient Times (Volume 1) explores the periods of Egyptian, Sumarian, Jewish, Babylonian, Assyrian, Indian, Chinese, African, Egyptian, Phoenician, Greek, Persian, Native American, Roman, Christian, Celt, and Barbarian history. Story of the World Middle Ages (Volume 2) explores the periods of the “Dark Ages,” from the fall of Rome through the Renaissance. Story of the World Early Modern Times (Volume 3) covers Japanese warlords, colonies in the “New World”, spread of slavery, the “Sun King” of France, English in India, imperialist China, revolutionary war, Captain Cook’s explorations, age of industrialism in Europe, Napoleon, French Revolution, Lewis & Clark, Mexican independence, Africa and colonialism, the Opium Wars, and the Gold Rush. * Prerequisites: None * This course includes an optional learning experience. *
Upper MS Science (Hybrid)	At the middle school level, all areas of study expand on the elementary topics by digging deeper for extended understanding. Elemental Science Biology explores the study of plants, animal life, and the human body. Elemental Science Earth Science takes students through a study of the key facts of earth science and astronomy. Elemental Science Chemistry leads the middle school student through a study of the key facts of chemistry and explores the study of matter, the periodic table, physical and chemical changes, solutions, acids, and bases, plus a bit of organic chemistry. Elemental Science Physics student through a study of forces and motion. * Prerequisites: None * This course includes an optional learning experience. *
Upper MS Social Studies (Hybrid)	Story of the World explores multiple time era in chronological fashion via texts, activity books, supplemental literature readings, map activities, and projects that explore history, art and science. Lower middle school includes: Story of the World Ancient Times (Volume 1) explores the periods of Egyptian, Sumarian, Jewish, Babylonian, Assyrian, Indian, Chinese, African, Egyptian, Phoenician, Greek, Persian, Native American, Roman, Christian, Celt, and Barbarian history. Story of the World Middle Ages (Volume 2) explores the periods of the “Dark Ages,” from the fall of Rome through the Renaissance. Story of the World Early Modern Times (Volume 3) covers Japanese warlords, colonies in the “New World”, spread of slavery, the “Sun King” of France, English in India, imperialist China, revolutionary war, Captain Cook’s explorations, age of industrialism in Europe, Napoleon, French Revolution, Lewis & Clark, Mexican independence, Africa and colonialism, the Opium Wars, and the Gold Rush. Story of the World Modern Times (Volume 4) explores some of the major people, places and events in world history, from 1850 to 1994. Some highlights include: the Crimean war, the American Civil War, the Second Reich, the Japan’s Meiji restoration, the Suez Canal, the Boers, Western expansion in the U.S., the Boxer Rebellion in China, the Mexican Revolution, the rise of Joseph Stalin, Hitler’s rise to power, the Holocaust, the Atom bomb, the partitioning of Palestine, the Cold War, the Vietnam War, Chernobyl, and the end of Communism. * Prerequisites: None * This course includes an optional learning experience. *
Veterinary Science Projects EL	Do you love animals? Do you wish to explore the world of veterinary science? Through a multidisciplinary approach, students will explore the environment of the horse and other animals. Join us for this learning adventure as we identify the different breeds and needs of animals, interpret animal behavior, and investigate the roles animals play in our lives. We'll delve into the purpose of the various body systems and identify the food and nutrition of various species and potential diseases animals face. Special guests, human and animal, keep class exciting as we explore how to keep your pet safe and we explore the world of those who work with animals as a career. In this multi-disciplinary course for younger students, we will learn about veterinary science. * Prerequisites: None* This course includes an optional learning experience.*
Veterinary Science Projects HS	In this multidisciplinary course we will learn what veterinary science is and about some of the ongoing research in the field. We will examine how veterinary scientists try to understand animals' health and diseases as well as how veterinarians apply this knowledge. We will also explore the history of veterinary science, some of the areas that veterinary scientists are focusing on in their research, and some of the ethical considerations in veterinary research and science as well as environmental implications. We will also explore medicine for a variety of animals and we will explore careers in Veterinary Science. * Prerequisites: None* This course includes an optional learning experience.*
Veterinary Science Projects MS	In this multidisciplinary course we will learn what veterinary science is and about some of the ongoing research in the field. We will examine how veterinary scientists try to understand animals' health and diseases as well as how veterinarians apply this knowledge. We will also explore the history of veterinary science, some of the areas that veterinary scientists are focusing on in their research, and some of the ethical considerations in veterinary research and science as well as environmental implications. We will also explore medicine for a variety of animals and we will explore careers in Veterinary Science.* Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
Veterinary Science: The Care of Animals	Lions and tigers and bears (oh my!) Whether you want to step into the wild side of veterinary medicine or just take care of the furry dogs and cats down your street, Veterinary Science: The Care of Animals will show you how to care for domestic, farm, and wild animals and diagnose their common diseases and ailments. Learn how different veterinary treatments are used and developed to improve the lives of animals and, as a result, the lives of those people who treasure them. If you have always been drawn to the world of our furry, scaly, and feathered friends, this may be just the course for you!* Prerequisites: None
Watercolors EL	In this class, young students will be introduced to materials and equipment, pencils, pens, paints, brushes, paper and sketchbooks. Drawing techniques will include carbon paper and a little sketching. We will experience color mixing - how to make new colors from mixing two colors. We will try wet-in-wet and wet-on-dry painting, splatter painting and several other fun techniques. Through a cross curricular approach, the goal of this class is for students to enjoy the creative process and is especially suitable for those students who think they can't paint or draw.* Prerequisites: None* This course includes an optional learning experience.*
Watercolors HS	In this class, students will be introduced to materials and equipment, pencils, pens, paints, brushes, paper and sketchbooks. Drawing techniques will include carbon paper and a little sketching. We will experience color mixing - how to make new colors from mixing two colors. We will try wet-in-wet and wet-on-dry painting, splatter painting and several other fun techniques. Through a cross curricular approach, the goal of this class is for students to enjoy the creative process and is especially suitable for those students who think they can't paint or draw.* Prerequisites: None* This course includes an optional learning experience.*
Watercolors MS	In this class, students will be introduced to materials and equipment, pencils, pens, paints, brushes, paper and sketchbooks. Drawing techniques will include carbon paper and a little sketching. We will experience color mixing - how to make new colors from mixing two colors. We will try wet-in-wet and wet-on-dry painting, splatter painting and several other fun techniques. Through a cross curricular approach, the goal of this class is for students to enjoy the creative process and is especially suitable for those students who think they can't paint or draw. * Prerequisites: None* This course includes an optional learning experience.*
Wearable Technology Innovations	From hearing aids to pedometers to smart watches, humans have made and worn devices to overcome physical deficiencies, count their steps, and communicate. With the continue miniaturization of chips and sensors, combined with increasing sophistication of artificial intelligence, wearable technology has proliferated into countless end-markets. This course will introduce students to wearable technologies and the components and software that make these technologies possible. The course will also evaluate several applications of wearable technologies in various industries. Finally, the course will examine and discuss the implications of wearable technology, including its pros and cons, and potential implications to our health, privacy, and society.* Prerequisites: None
Web Development IA: Introduction	How many times per day do you access the internet, including social media? The web is an important part of our daily lives, so it's no surprise that web development is one of the hottest careers. In this course, you'll start to get a real picture of professional web development, including how to create content for the web. You'll learn about topics such as servers, file organization, HTML, CSS, Javascript, and the development stack that will let you build any website you can dream up!* Prerequisites: None
Web Development IB: Planning and Designing	Building on the prior prerequisite course, polish your digital media skills and learn all about web design. Incorporate your ideas into websites and dabble in the basics of marketing to understand how your work is used. Finally, explore the world of podcasts and audio editing to construct a solid foundation from which you can pursue a career!* Prerequisites: None
Women's Studies: A Personal Journey Through Film	Maybe you grew up watching movies with female characters like Cinderella, Belle, Snow White, or Ariel. Maybe you've wondered why there are stereotypes about women being bad drivers or ignorant about sports. Maybe you want to know about feminism and the women's movement. The Introduction to Women's studies: A Personal Journey Through Film can help you answer these questions. Though it focuses on the experience of women, it's appropriate for anyone who wants to learn to critically examine films while learning about the history of the women's movement and how gender, race, and social class influence us. Women have earned their right to stand up and be recognized as equal partners and reap the benefits of their hard work. As the anonymous quote goes, 'tory is Herstory too. * Prerequisites: None
Woodworking EL	This multidisciplinary course is designed to emphasize activities in planning, design and construction as applied to common forms of woodworking. Accuracy, neatness, sound work habits and safety are stressed and form an important part of the evaluation criteria. Students acquire knowledge and skills through demonstrations, educational media and practice projects.* Prerequisites: None* This course includes an optional learning experience.*
Woodworking HS	This multidisciplinary course is designed to emphasize activities in planning, design and construction as applied to common forms of woodworking. Accuracy, neatness, sound work habits and safety are stressed and form an important part of the evaluation criteria. Students acquire knowledge and skills through demonstrations, educational media and practice projects. * Prerequisites: None * This course includes an optional learning experience. *
Woodworking MS	This multidisciplinary course is designed to emphasize activities in planning, design and construction as applied to common forms of woodworking. Accuracy, neatness, sound work habits and safety are stressed and form an important part of the evaluation criteria. Students acquire knowledge and skills through demonstrations, educational media and practice projects. * Prerequisites: None * This course includes an optional learning experience. *
Workplace & Internship Readiness: Preparing for Work & Life	Starting your first "real" job can be intimidating. But when you know what to expect and learn how to be successful, you'll feel confident about the hiring process and prepared to put yourself out there! Discover how to build a well-rounded set of employability and personal leadership skills that allow you to guide your own career. Learn how to communicate with others, take initiative, set goals, problem-solve, research different career options, and envision your own personal career path. Get ready to create a powerful launching pad that will help you blast off into a great first job experience! * Prerequisites: None

Course Name	Course Description
World Culture EL	Through a multidisciplinary approach, this project based class will allow students to discover that there is a whole world out there waiting for them to explore! Please join us for a great semester of learning about the world from a variety of different angles--through the arts and technology, students will explore various avenues: whether it's cities, states, or countries; rivers, lakes or oceans; valleys, plains, or mountains; people, places, or things; or animal, mineral, or vegetable, we'll try to cover it. We will use various forms of technology to provide the platform for inquiry based exploration including: proper use of search engines video production to present ideas in an artistic manner, game creation, map research and production, to help students wonder and question their role and place in the world around us.* Prerequisites: None* This course includes an optional learning experience.*
World Culture HS	Through a multidisciplinary approach, this project based class will allow students to discover that there is a whole world out there waiting for them to explore! Please join us for a great semester of learning about the world from a variety of different angles--through the arts and technology, students will explore various avenues: whether it's cities, states, or countries; rivers, lakes or oceans; valleys, plains, or mountains; people, places, or things; or animal, mineral, or vegetable, we'll try to cover it. We will use various forms of technology to provide the platform for inquiry based exploration including: proper use of search engines video production to present ideas in an artistic manner, game creation, map research and production, to help students wonder and question their role and place in the world around us.* Prerequisites: None* This course includes an optional learning experience.*
World Culture MS	Through a multidisciplinary approach, this project based class will allow students to discover that there is a whole world out there waiting for them to explore! Please join us for a great semester of learning about the world from a variety of different angles--through the arts and technology, students will explore various avenues: whether it's cities, states, or countries; rivers, lakes or oceans; valleys, plains, or mountains; people, places, or things; or animal, mineral, or vegetable, we'll try to cover it. We will use various forms of technology to provide the platform for inquiry based exploration including: proper use of search engines video production to present ideas in an artistic manner, game creation, map research and production, to help students wonder and question their role and place in the world around us. * Prerequisites: None* This course includes an optional learning experience.*
World Eras EL	This multidisciplinary class allows students to choose a pathway to explore in very different ways the concept of human decision making. Students will be able to choose from a variety of pathways based on skills and interests. Offerings may include the study of war, great inventors or snapshots of regional moments in time. Studying spotlights of world events in different eras will highlight responsibilities we all have. Each pathway focuses on the skills and leadership decisions that were made.* Prerequisites: None* This course includes an optional learning experience.*
World Eras HS	This multidisciplinary class allows students to choose a pathway to explore in very different ways the concept of human decision making. Students will be able to choose from a variety of pathways based on skills and interests. Offerings may include the study of war, great inventors or snapshots of regional moments in time. Studying spotlights of world events in different eras will highlight responsibilities we all have. Each pathway focuses on the skills and leadership decisions that were made.* Prerequisites: None* This course includes an optional learning experience.*
World Eras MS	This multidisciplinary class allows students to choose a pathway to explore in very different ways the concept of human decision making. Students will be able to choose from a variety of pathways based on skills and interests. Offerings may include the study of war, great inventors or snapshots of regional moments in time. Studying spotlights of world events in different eras will highlight responsibilities we all have. Each pathway focuses on the skills and leadership decisions that were made. * Prerequisites: None* This course includes an optional learning experience.*
World History	Students in World History learn about significant events, people, and places from prehistory to contemporary times. Studying world history allows students to consider historical relevance of people, places, and events. In this wide-ranging course, students learn how the world and its inhabitants were shaped over time, and, in the process, students gain a better understanding of the role that geography plays in world history. The historical tools covered in this course help students to foster an appreciation for the history in which they are living.* Prerequisites: None
World History (Hybrid)	Students in World History learn about significant events, people, and places from prehistory to contemporary times. Studying world history allows students to consider historical relevance of people, places, and events. In this wide-ranging course, students learn how the world and its inhabitants were shaped over time, and, in the process, students gain a better understanding of the role that geography plays in world history. The historical tools covered in this course help students to foster an appreciation for the history in which they are living. * Prerequisites: None
World History CR	Students in World History learn about significant events, people, and places from 1500 A.D. to contemporary times. Studying world history allows students to consider historical relevance of people, places, and events. In this wide-ranging course, students learn how the world and its inhabitants were shaped over time, and, in the process, students gain a better understanding of the role that geography plays in world history. The historical tools covered in this course help students to foster an appreciation for the history in which they are living.* Prerequisites: None
World Language EL	This world language project based class explores language through a multidisciplinary approach via art and technology. Those mediums are the avenues of the exploration of world language choices including Latin, Spanish, Japanese or French.* Prerequisites: None* This course includes an optional learning experience.*
World Language HS	This world language project based class explores language through a multidisciplinary approach via art and technology. Those mediums are the avenues of the exploration of world language choices including Latin, Spanish, Japanese or French.* Prerequisites: None* This course includes an optional learning experience.*
World Language MS	This world language project based class explores language through a multidisciplinary approach via art and technology. Those mediums are the avenues of the exploration of world language choices including Latin, Spanish, Japanese or French. * Prerequisites: None* This course includes an optional learning experience.*

Course Name	Course Description
World Religions: Exploring Diversity	From Taoism, to Islam, to Christianity, religion inevitably affects us all in some way. On one level, religion can help us commune with and honor our spiritual natures, but it can also divide people and create great strife in the world. World Religions: Exploring Diversity will explore the various characteristics of faith and introduce the fundamentals of the major religions, including Judaism, Islam, Christianity, Buddhism, Confucianism, Hinduism, Shintoism, and Taoism. You'll trace how these powerful faiths have influenced cultures over thousands of years and helped to shape the face of humanity. After this course, you'll have a clearer understanding of how religion continues to affect the larger world.* Prerequisites: None