

2018 – 2019

Oxford Virtual Academy Course Catalog



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Oxford Virtual Academy Full-Time Mentors and Content Teachers

Margaret Boggs, Shiloh Christie, Kristen Dahlke, Michelle Green, Donna Griffin, Tracey Hurford, Gail Kozyra, Laura Merritt, Jared Ostrom, Basia Ostrowski, Jessica Robbins

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 that build on students' strengths. Classes are available 24/7 at home or in the lab and serve all students and families.

Vision Statement

Creating a world-class education today to shape tomorrow's selfless, global leaders.

Mission Statement

Oxford schools work together with local and global communities to educate learners with rigorous coursework while fostering skills relevant to each individual and enhancing cooperative relationships. We prepare learners for success in a world community where they are invested in the process of making principled decisions.

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 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)

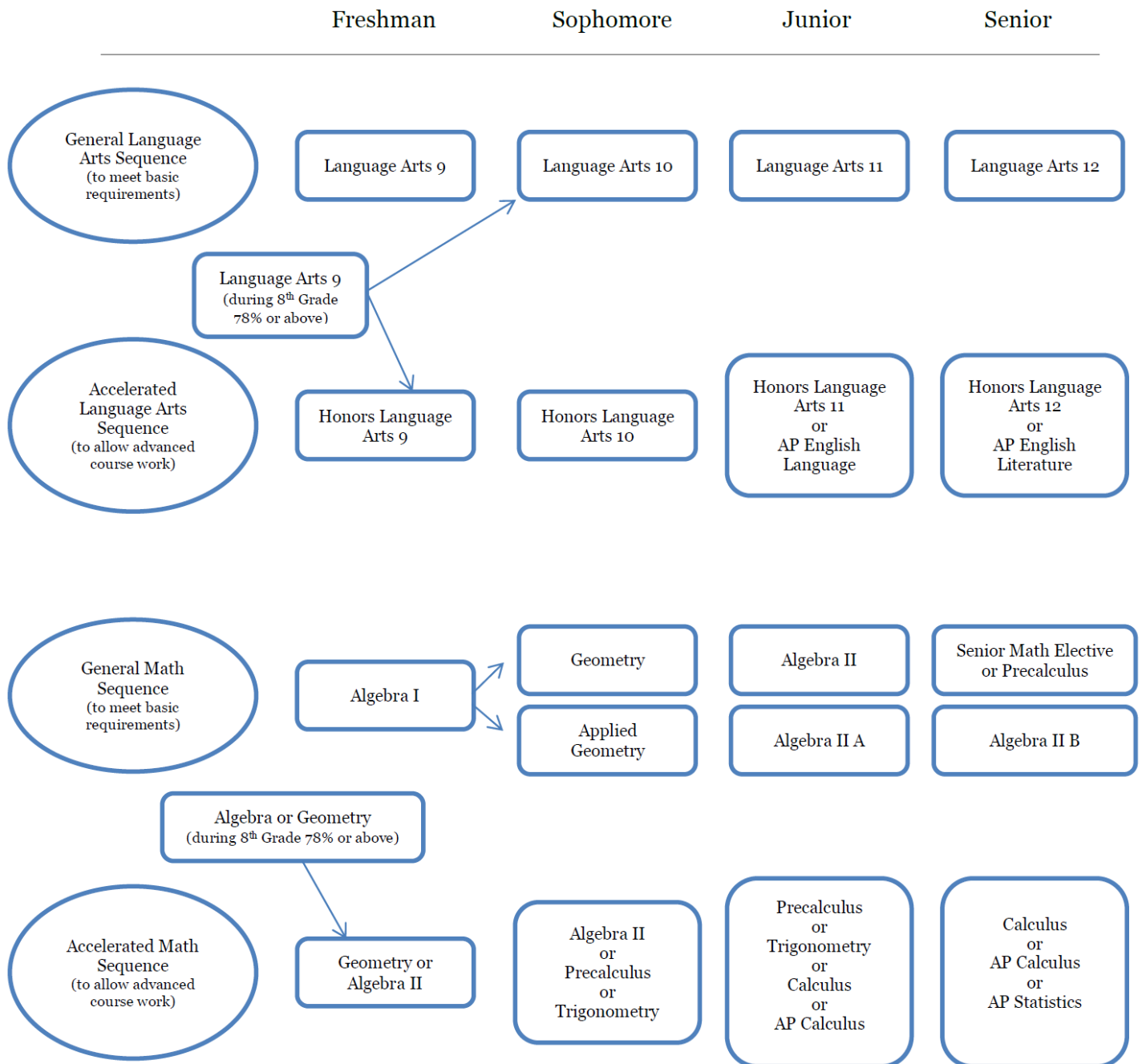
Social Studies: 3 Credits

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

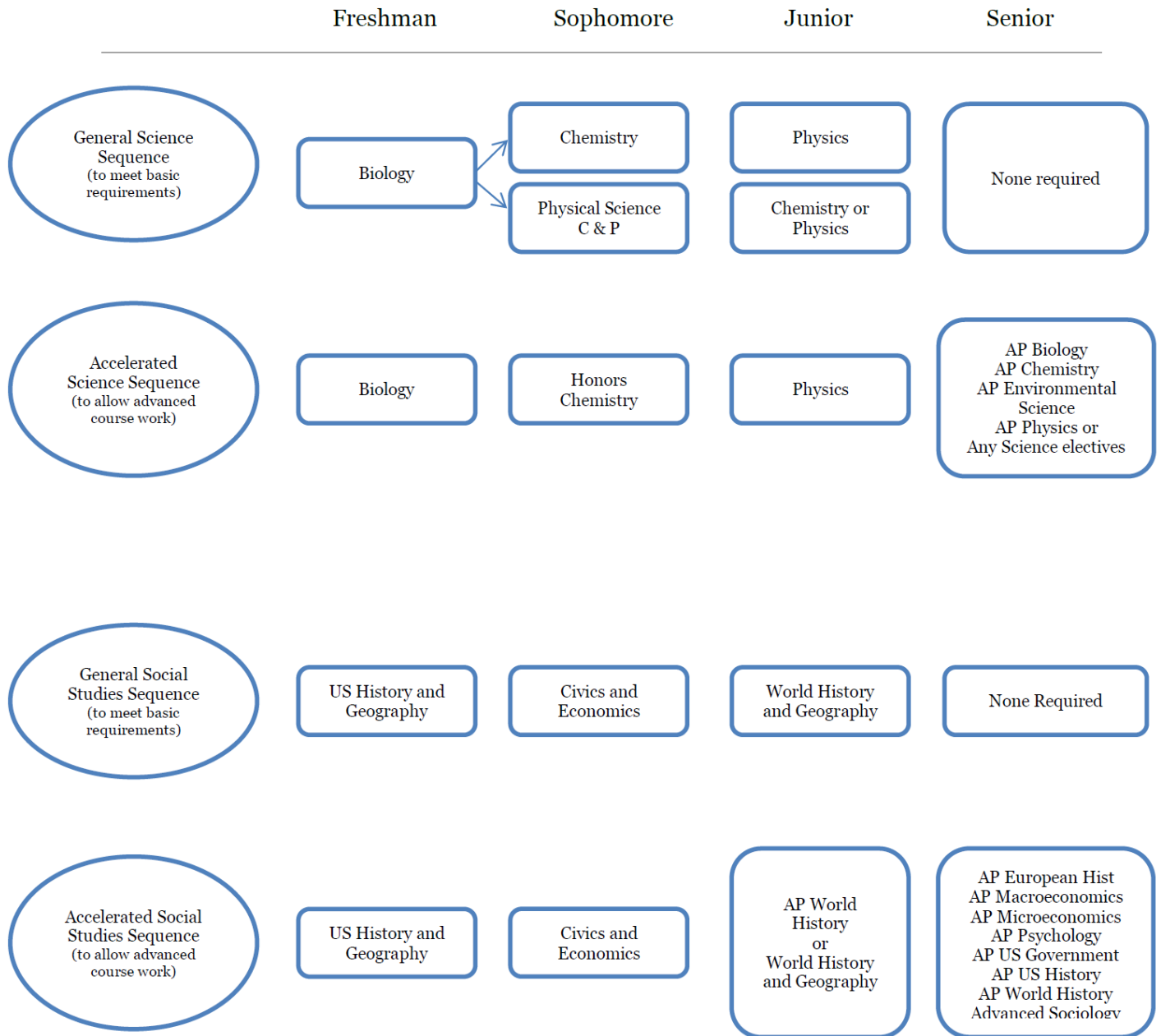
World Language: 2 Credits

- 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



High School Core Requirements Flow Charts (Continued)



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/guardian, 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/guardian 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 $\frac{1}{2}$ 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 $\frac{1}{2}$ 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 $\frac{1}{2}$ day at OSTC and $\frac{1}{2}$ 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).

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 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.

Calvert has more than 100 years of experience educating children. Their heritage is grounded in delivering results outside the traditional classroom. Using proven, time-tested curriculum and assessment methods they employ the right mix of print and/or digital formats for each grade. Calvert uses an inquiry-based method of learning which allows students to absorb subject matter and apply knowledge in vibrant, expressive ways. Their recent innovations in project-based learning add fun and engagement and allow students to collaborate with their peers.

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.

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.

K¹² curriculum offers interactive lessons, elaborate textbooks, and lots of hands-on materials. This combination of online and offline content—of thinking and doing—helps engage young minds in the right ways. The K¹² curriculum nurtures inquisitive minds with the simple approach that Big Ideas + Consecutive Down Payments + Practice = Content Mastery. This means that every lesson builds on prior learning, and students shouldn't move on to new material until they demonstrate "mastery" over the old. The curriculum itself is built around the notion of identifying the "big ideas" within a

subject, then reinforcing that material through repetition and assessment. Lessons are followed by assessments, so you can be sure that your child has mastered a particular area before moving on. Our individualized approach means your child can go as fast or slow as needed. The online assessments are integrated with the planning and progress tools, making it easy to find the right pace by subject and to stay on track.

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.

Powerspeak¹², 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 powerspeak¹², powerspeak¹² 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. powerspeak¹² taps into, and capitalizes on, the innate ability that kids possess to learn languages quickly and easily.

Prepworks is the leader in online personalized learning, and their award-winning adaptive technology customizes each course to fit students' specific academic needs. Available on any internet-ready device, Prepworks test prep programs can be accessed at anytime, anywhere. It is much more than video lessons and practice questions. Their LPS technology customizes each student's course based on individual performance and potential and delivers Personalized Learning Paths to help them achieve their best scores. Combining hundreds of animated HD videos, thousands of practice questions with step-by-step solutions, and engaging instructional activities, Prepworks explores essential foundational concepts and teaches proven test strategies that help students significantly improve test scores.

Ramsey Solutions empowers students to make sound financial decisions for life. Foundations in Personal Finance goes beyond practical money basics, equipping educators with resources to help students create new financial habits and transform the way they approach money altogether. Foundations students are inspired by real-life examples and can apply the concepts taught to form good money habits early in life, changing their lives forever. Foundations in Personal Finance: High School Edition is designed as a complete curriculum, saving time and equipping students with everything they need for a dynamic learning experience.

Non-Discrimination Clause

Oxford Community Schools does not discriminate on the basis of race, color, religion, national origin, sex (sexual orientation or gender), disability, age, height, weight, marital status or any other legally protected characteristic, in its programs, services or activities, including employment opportunities. The following person has been designated to handle inquiries regarding the nondiscrimination policies: David Pass, Assistant Superintendent of Human Resources, 10 North Washington Street, Oxford, MI 48371, (248) 969-5004.

Full Listing of Courses with Descriptions

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

Title	Course #	Course Description
1960's America	8901	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	0426	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	2045	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
3D Art & Technology HS	2045	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
3D Modeling	2045	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 Elementary	0	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 seminar 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 High School	0	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 seminar 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 Middle School	0	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 seminar 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 Success	102	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
Accounting	302	This course provides students with an introduction to accounting concepts and principles, financial statements, internal control design, and accounting for partnerships. Prerequisites: None
ACT Prep	1000	ACT Prep Course assists students with test preparation and teaches content that the student may be tested on during the actual exams. These prescriptive 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
Administrative Duties and Office Management	5323	Students learn the skills and knowledge required to perform tasks in the administrative department of a medical office. Topics include, but are not limited to, receiving patients, scheduling appointments, handling medical records, and processing insurance claims. Prerequisites: None
Advanced Natural World Projects	3530	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
Advanced Natural World Projects HS	3530	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
Advanced Physical World Projects	3536	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
Advanced Physical World Projects HS	3536	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
Advertising	337	Throughout the Advertising course, students discover the various ways that advertising touches their lives. Students learn to identify what customers need and want so that various companies are able to advertise and sell a variety of products and services. Students learn to identify customers' desires and discover what is needed to create, advertise, and sell products to fit these needs. The course guides students to develop the skills they need as consumers and advertisers. Also, the course provides a solid foundation for those students contemplating careers in marketing, advertising, or other business-related fields. Prerequisites: None

Title	Course #	Course Description
Advertising and Sales Promotion	336	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—and 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 Literature	4603	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	3730	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
Agriprojects HS	3730	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
Agrisciences I: Introduction	600	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: Introduction to Agriscience
Algebra I	5122	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 CR	5124	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
Algebra II	5302	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 CR	5305	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	5306	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	5317	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	5307	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	5318	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	1165	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
Amazing USA Projects HS	1165	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" in its 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
American Cultures	1173	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
American Eras	3503	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

Title	Course #	Course Description
American Eras HS	3503	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
American History	895	American History is designed to help students understand and interpret the history of the United States. The course will begin by examining the rise of modern America due to the effects of industrialization. This course will deal with the vast scope of complex issues that have shaped America throughout its history. Some of the topics that will be examined are the Progressive Era, American Imperialism, World War I, the Great Depression, World War II and continuing with the Holocaust and move through time to the Cold War, the Civil Rights Movement, the Vietnam War, the Post-Vietnam Era, ending with the present. Students will learn about these prominent national events as well as historical milestones around the world. Students will use Internet projects in this course to enhance their learning experiences. Prerequisites: None
American Pioneers	1178	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
American Pioneers HS	1178	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
American Sign Language I	2505	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	2507	ASL grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. Prerequisites: ASL I
American Sign Language III	2509	ASL grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. Prerequisites: ASL II
American Sign Language IV	2511	ASL grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. Prerequisites: ASL III
American Sign Language Projects	3750	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
American Sign Language Projects HS	3750	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
Anatomy and Physiology	6823	Students learn about the anatomical structures and physiology of the human body. Body systems are discussed in terms of how each participates in homeostasis of the body. Students learn about selected major pathologies, including causes, symptoms, diagnostic procedures, and treatments, as well as common changes that occur throughout the life span. Prerequisites: None
Animation	78233	Are you inherently creative? Do you have an eye for drawing, technology, and timing? If so, Animation is the course for you! As animation creates movement in a two-dimensional artistic space, in this course, you will learn the necessary skills to do just that. You will learn how to use animation tools to conceptualize and bring your animation dreams to life. By using a various software and design programs, you'll have the power to transform your creative notions into reality as you design, define, and complete a variety of digital design projects, including creating your own website! Learning about Animation could lead to a thriving career in the growing world of technology and animation.
Anthropology I: Uncovering Human Mysteries	6825	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	6826	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	1121	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	6712	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	5882	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	5886	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. The Prerequisites: Counselor Approval
AP Computer Science	409	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	4887	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

Title	Course #	Course Description
AP English Literature and Composition	4881	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	6104	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	8889	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	8732	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	8742	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 Psychology	8877	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	2344	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
AP Statistics	5884	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 United States Government	8894	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	8885	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
AP World History	8891	World History is a course designed to explore some of the most important developments in history in order to gain an understanding of how culture, technology, and ideas are transmitted from one area to another, and how the modern world exists as an extension of the past. This course will take the concepts learned from prior world history classes and investigate the importance of their occurrences with an analytical approach. Concepts that this class examines are; cultural and technological development, global trade, diplomacy, war, religion, language development, cultural/geographical borders, art, and agriculture. The goal of this class is to introduce students to a college approach to learning as well as to give them a better understanding of how the peoples of this world have interacted with each other to produce our modern world. Prerequisites: Counselor Approval
Archaeology	2362	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
Archaeology HS	2362	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
Archaeology: Detectives of the Past	8882	The famous Spanish philosopher and writer George Santayana once said, "Those who cannot remember the past are condemned to repeat it." We 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	66	Students expand their understanding of color, line, and shape. Activities include drawing, cutting, creating designs, and paper construction. The concepts of texture and three-dimensional forms are also introduced. Prerequisites: None
Art 2	67	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	68	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	69	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	691	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
Art 6	661	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 three-dimensional art projects, emphasizing drawing, design, and functionality. Prerequisites: None
Art 7	761	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

Title	Course #	Course Description
Art 8	861	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	1169	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
Art and Early Civilizations HS	1169	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
Art Appreciation	1008	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 for the Ages	2048	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
Art for the Ages HS	2048	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
Art History	1109	Students begin exploring the basic elements of art and its role in history through their examination of works from Paleolithic times to the Roman Empire. The goal is to enhance students' understanding of ancient history and show how art reflects historical events. Prerequisites: None
Art in World Cultures	1115	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	695	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	2047	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
Art Techniques Projects HS	2047	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
Asian Art Projects	2352	Through a multidisciplinary approach, students explore, research and develop different types of oriental art. Students will experiment with color, scheme, theory, printmaking, font/calligraphy Prerequisites: None
Asian Art Projects HS	2352	Through a multidisciplinary approach, students explore, research and develop different types of oriental art. Students will experiment with color, scheme, theory, printmaking, font/calligraphy pen and ink. Students will learn the history of origami, calligraphy, pen and ink drawing. They will study the "old masters" techniques while developing their own unique style for each of these categories. Each unit will end with a major project. Prerequisites: None
Astronomy Projects	3733	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
Astronomy Projects HS	2352	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
Astronomy: Exploring the Universe	6816	The universe is truly the last unknown frontier and offers more questions than answers. Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since humans first glimpsed into the vastness of the night sky, we have been fascinated with the celestial world of planets and stars. Astronomy: Exploring the Universe introduces you to the engaging world of astronomy. By using online tools, you will examine such topics as the solar system, space exploration, and the Milky Way and other galaxies. The course also explores the history and evolution of astronomy including those basic scientific laws of motion and gravity that have guided astronomers as they made their incredible discoveries of the universe. Prerequisites: None
Auto Care	2060	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.
Beginning Brain Games	3659	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
Beginning Brain Games HS	3659	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
Beginning Robotics	2371	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
Beginning Robotics HS	2371	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
Beginningrain Games	3659	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

Title	Course #	Course Description
Beginning Brain Games HS	3659	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
Biology	6722	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	6724	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
Biotechnology: Unlocking Nature's Secrets	6813	How is technology changing the way we live? Is it possible nature can provide all the answers to some of science's most pressing concerns? The fusion of biology and technology creates an amazing process and offers humanity a chance to significantly improve our existence through the enhancement of food and medicine. In Biotechnology: Unlocking Nature's Secrets, you'll learn how this field seeks to cure such deadly diseases as cancer and malaria, develop innovative medicine, and effectively feed the world through improved systems. Learn about the history of biotechnology and some of the challenges it faces today, such as resistant bacteria and genetically modified organisms in food. You will research new biotechnologies and understand firsthand how they are forever changing the world we live. Prerequisites: None
Botanical Art	3731	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
Botanical Art HS	3731	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
Brain Games	3572	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
Brain Games HS	3572	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 Prerequisites: None
Business Applications	530	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.
Business Communication	533	Students explore business communication, including letters, memos, electronic communication, written reports, oral presentations, and interpersonal communication. Resumes, application letters, interviewing tips, and employment follow-up are also covered. Prerequisites: None
Business Information Systems	534	This course introduces students to various information and communications technologies and explains how information systems are used to solve problems and make better business decisions. Prerequisites: None
Business Law	538	Students explore principle areas of business law and topics such as torts, crimes, intellectual property, contracts, negotiable instruments, agency, employment, and forms of business organization. They learn rules of law and legal terminology, as well as legal solutions for business-related issues. Prerequisites: None
Business Management	539	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
Business Math	5020	The student will explore topics such as business statistics, profit calculations, payroll, banking, interest calculations, insurance, taxes, and other business topics. Prerequisites: Algebra 1
Calculus	5422	Students study limits, continuity, and differentiation while exploring integrated algebraic, trigonometric, and transcendental functions and the applications of derivatives and integrals. Major topics and concepts include differentiation and integration rules, rates of change, derivative tests, and differential equations. A TI-83+ or TI-84+ graphing calculator is strongly recommended. Prerequisites: Counselor Approval
Career Exploration I MS	920	How many times have you heard, "What do you want to be when you grow up?" When you close your eyes and picture yourself in the future, what do you see? Police officer? Doctor? Farmer? Pilot? Teacher? Really, the possibilities are endless. And with so many careers to pick from, it can be confusing knowing where to start your search. In Middle School Career Exploration, you will have the chance to explore more than 15 different career areas including energy fields, human resources, the law, transportation, and more. Discover which careers you might enjoy the most and which ones you'll be best at! Prerequisites: None
Career Exploration II MS	921	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 2 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 Explorations (PS)	143	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
Career Explorations HS (PS)	143	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
Career Planning and Skill Development	146	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—so 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

Title	Course #	Course Description
Careers in Criminal Justice	148	Most of us have watched a sensationalized crime show at one time or another, but do we really know how things work behind those dreaded prison bars? Do we really understand all the many factors in our justice proceedings? The criminal justice system is a very complex field that requires many seriously dedicated people who are willing to pursue equal justice for all. The Careers in Criminal Justice course illuminates what those different career choices are and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order. Find out more about what really happens when the television show ends and reality begins. Prerequisites: None
Cartooning	23620	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
Cartooning HS	23620	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
Ceramics Projects	23623	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
Ceramics Projects HS	23623	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
Chemistry	6422	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 CR	6603	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	2402	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	25	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	2406	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
Chinese II MS	22	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	2409	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	1257	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
Choir and Academic Expressions HS	1257	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
Cinematic Review	1062	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 ever-increasing 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
Cinematic Review HS	1062	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 ever-increasing 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 Prerequisites: None
Civics	8432	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 understanding 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	8433	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 understanding 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 and Human Interaction	3732	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
Climate Tech and Human Interaction HS	3732	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: Questions to explore: How does energy originating from the sun move within the fluid earth and biosphere? What impact do humans have on climate? Why is there controversy about climate? What the psychology of this issue? What types of technology help to warn us about damaging weather? Prerequisites: None

Title	Course #	Course Description
Coding I MS	1972	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 1, 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 I - Introduction to Programming	0901	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 1, you will 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 II - Programming	00902	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 1, now is your chance to build on that knowledge with Coding 2. 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 1
College and Career Prep	140	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
Color Theory	23625	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
Color Theory HS	23625	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
Communications	2038	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
Communications HS	2038	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
Computer Program Projects	1113	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
Computer Program Projects HS	1113	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
Computer Tech Music Projects	3554	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
Computer Tech Music Projects HS	3554	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
Computer Tech Projects	1111	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
Computer Tech Projects HS	1111	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
Concepts of Engineering & Technology	9955	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	5024	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
Core Explorers	1100	Core Explorers is a course for students in grades K-8. This core course is designed to complement students' core learning curriculum and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability in the four core subject areas, which provides the foundation for academic success. Through a personalized approach, students will navigate through core curriculum via Study Island. Additionally, students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online-standardized local and state assessments. Prerequisites: None
Cosmetology I: Cutting Edge Styles	0149	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

Title	Course #	Course Description
Cosmetology II: The Business of Skin and Nail Care	0150	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	2151	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
Crafts HS	2151	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
Creative Art K-5	0090-0095	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
Creative Writing	4106	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
Creative Writing Projects	3521	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
Creative Writing Projects HS	3521	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
Criminal Investigation	8639	Students examine the process of identifying and arresting criminal suspects, types of crimes and offenses, and preparing for court. They study the history of criminal investigation and explore the relationship between investigation and the courtroom process by examining case studies. Prerequisites: None
Criminology: Inside the Criminal Mind	8642	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 and Logic	3742	Through a multidisciplinary approach students will explore why critical thinking 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
Critical Thinking and Logic HS	3742	Through a multidisciplinary approach students will explore why critical thinking 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
Culinary Arts I: Introduction	619	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 II: Baking, Pastry, and More!	9247	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: None
Culinary Expressions	2050	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
Culinary Expressions HS	2050	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
Currency	1183	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
Currency HS	1183	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
Current Events	4032	How can you discuss the important issues of our day in a meaningful way? Current Events is an introductory, one semester, elective course structured to increase your understanding of current issues in areas of politics, society, and economics. This course emphasizes research, and the topics you will encounter are broad in nature to allow for fluctuation in media coverage on common topics. You will engage in discussion of issues with your peers, including long-standing, complex issues of debate in our country such capital punishment, genetic engineering, censorship, prayer in schools, gun control, affirmative action, immigration, and global warming. You will express your viewpoints on these subjects using the text of your research to support your statements. Upon completing this course, you will have a greater understanding of some of the political, social, and economic issues that have dominated the news in recent years. You will distinguish between objective and subjective thought in your thinking and sources' reasoning and will learn to make educated decisions as to whether the sources present biased or unbiased coverage. For each content unit, you will write essays that demonstrate your research efforts, integrating current viewpoints with the background conversation about issues. Prerequisites: Basic writing skills such as paragraph development and good mechanics.

Title	Course #	Course Description
Cursive Handwriting	89848	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.
Cybersecurity I: Foundations	9998	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 II: Defense Against Threats	9997	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 1a
Dance	2256	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. These classes are available at a variety of locations and times. Prerequisites: None
Debate	3251	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
Debate HS	3251	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
Design	3653	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
Design HS	3653	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
Developmental Writing	4101	Students apply the fundamental tools and techniques needed to write clear sentences, effective paragraphs, and well-organized essays for general education courses and employment settings. Using Standard American English, students learn to organize, clarify, and communicate written ideas, as well as how to use correct sentence structure, grammar, and parts of speech in written communication. Students also develop skills in revising and editing to clarify voice, tone, style, and mode. Prerequisites: None
Digital Art and Design MS	483	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
Digital Arts and Music Appreciation	411	Digital Arts – This course provides students with an introduction to visualization graphics programming on personal computers. The course focuses on using a digital camera and practical application of digital imaging programs. Students learn to place images and how to mock up drawings of three-dimensional spaces. Music Appreciation – This course introduces students to the history, theory, and genres of music, from the early music forms through the classical through the contemporary. The course explores the interface of music and social movements and examines how the emergent global society and the internet bring musical forms together in new ways from all around the world* These courses are designed to be taken together. Prerequisites: None
Digital Movie	2251	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
Digital Movie HS	2251	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
Digital Photography I: Creating Images with Impact!	429	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: Creating Images with Impact! 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 II: Discovering Your Creative Potential	429	In today's world, photographs are all around us, including in advertisements, on websites, and hung on our walls as art. Many of the images that we see have been created by professional photographers. In this course, we will examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas that professional photographers may choose to specialize in, such as wedding photography and product photography. We will also learn more about some of the most respected professional photographers in history, and we will learn how to critique photographs in order to better understand what creates an eye-catching photograph. Prerequisites: None
Discovering Music I	6810	Designed for students in grades 3–5, these courses teach students fundamental musicianship skills from a Western classical approach while aligning to national music education standards. The course challenges students to improve their listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, these courses provide a unique and advanced learning experience for students in these grades. Prerequisites: None
Discovering Music II	6812	Designed for students in grades 3–5, these courses teach students fundamental musicianship skills from a Western classical approach while aligning to national music education standards. The course challenges students to improve their listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, these courses provide a unique and advanced learning experience for students in these grades. Prerequisites: Discovering Music I
Discovering Music III	6817	Designed for students in grades 3–5, these courses teach students fundamental musicianship skills from a Western classical approach while aligning to national music education standards. The course challenges students to improve their listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, these courses provide a unique and advanced learning experience for students in these grades. Prerequisites: Discovering Music II
Drawing	2221	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
Drawing HS	2221	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

Title	Course #	Course Description
Early Childhood Education	606	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
Earth and Space Science MS	640	Science 6, will engage students in the intriguing world of science. Students will become mini-scientists while investigating and gaining knowledge of important topics in science, such as the classification of animals and their unique behaviors, the planet Earth and its fascinating features, and the constructive and destructive forces that affect our planet. The use of fun-filled labs and enticing videos will help students extend their knowledge and enhance their understanding of their surroundings. Sixth-grade science is a stepping stone in science education that will strengthen students' foundation of scientific awareness. In Part 2, students will continue their journeys as mini-scientists by gaining knowledge of crucial topics such as the effects of weather and climate, the importance of the atmosphere, and the shocking facts about electricity and magnetism. Students will participate in hands-on experiments and become inspired by fascinating videos that will extend their knowledge and understanding of their surroundings. Sixth-grade science is a major stepping stone in science education that helps build a stronger foundation of scientific awareness. This course will also help students appreciate the exciting world of science around them. Prerequisites: None
Earth Science	6124	Students look at our planet's place in the universe, at its composition, and at the many changes, it may undergo. In addition, they study Earth's history by comparing landforms, investigating the properties of rocks and minerals, the atmosphere, and weather patterns, and examining the relationships between the Earth, moon, and sun. Prerequisites: None
Earth Science CR	6127	Students look at our planet's place in the universe, at its composition, and at the many changes it may undergo. In addition, they study Earth's history by comparing landforms, investigating Prerequisites: None
Economics	8752	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	8753	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
Educational Technology and Online Learning 1	721	In this course, students build on foundational skills while using software to draw, type, and format text. They also create presentations to support academic skills. Students learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety and appropriate online behavior. Prerequisites: None
Educational Technology and Online Learning 2	722	In this course, students use appropriate technology tools and resources to complete projects and solve problems. Students use software to draw, write, organize, and present information. Students learn listening and organizational skills and set attainable learning goals. Students become responsible Prerequisites: None
Educational Technology and Online Learning 3	723	In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information. They learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety and appropriate online behavior. Prerequisites: None
Educational Technology and Online Learning 4	724	In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information. Students become responsible users of technology as they learn about Internet safety, appropriate online behavior, and effective search and website evaluation strategies. Prerequisites: None
Educational Technology and Online Learning 5	725	In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information. Students learn listening and organizational skills and set attainable learning goals. Students become responsible communicators and users of technology as they learn about intellectual property, Internet safety, and effective search and evaluation strategies. Prerequisites: None
Educational Technology and Online Learning 6	916	Students use electronic media and software to apply academic concepts as they create meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. They produce presentations on Internet safety, online predators, and cyberbullying. Students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology. Prerequisites: None
Educational Technology and Online Learning 7	917	Students use electronic media and software to apply academic concepts as they create meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. They produce presentations on Internet safety, online predators, and cyberbullying. Students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology. Prerequisites: Ed Tech 6 (recommended)
Educational Technology and Online Learning 8	918	Students use electronic media and software to apply academic concepts as they create meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. They produce presentations on Internet safety, online predators, and cyberbullying. Students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology. Prerequisites: Ed Tech 7 (recommended)
Educational Technology and Online Learning K	720	In this course, students explore the features of a draw and paint program as a tool to support emerging reading, writing, and mathematics skills. They learn to locate letters and numbers on the keyboard. A study skills unit introduces them to listening and visualization techniques that support learning. Students also learn to recognize safe and responsible use of technology resources so they can become model digital citizens. Prerequisites: None
Electricity	2041	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
Electricity HS	2041	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
Elementary American Sign Language (FY) Grades 3-5	80	This course introduces students to the fundamentals of American Sign Language through the use of vocabulary, grammar, and conversation as well as basic signing and fingerspelling techniques. Special activities and exercises help students understand the culture of the deaf and hard-of-hearing community. Prerequisites: None
Elementary Chinese I	43	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	41	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
Elementary French I	22	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

Title	Course #	Course Description
Elementary French II	21	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	33	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	33	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 Diglot Weave™ 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 CultureGrams™ lessons covering cultural aspects of major German-speaking areas in Europe.
Elementary Home Life	735	In this course, students select from a number of activities that develop their skills through fun, experiential learning projects. Activities include cooking, crafts, sewing, home maintenance, family outings, and genealogy Prerequisites: None
Elementary Latin I	53	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 Music	651	Students learn traditional children's songs and finger plays. Prerequisites: None
Elementary Physical Education 1	631	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	632	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	630	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	633	By fourth grade, students have improved hand-eye 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	634	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	635	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	2031	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
Elementary Skills Projects	3512	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
Elementary Spanish I	12	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 Spanish-speaking world. Students further develop their Spanish communication skills as they study familiar topics such as school, clothes, and community. Prerequisites: None
Elementary Spanish II	14	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 Spanish-speaking world. Students further develop their Spanish communication skills as they study familiar topics such as school, clothes, and community. Prerequisites: Elementary Spanish I
Emergent Computer Technology	8757	In this course, students learn the basics of building safe websites, including the use of hypertext markup language (HTML). They then plan their own sites and learn how to link and navigate pages. As they progress to more complex design techniques, students also learn how graphics can make a site more attractive. Prerequisites: None
Engineering Tech Principles	2211	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
Engineering Tech Principles HS	2211	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
Engineering Tech Prj. Design HS/ Engineering Tech Prj. Jr. HS	2089 2091	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
Engineering Tech Prj. Design/Engineering Tech Prj. Jr.	2089 2091	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
English 10	4023	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 10 CR	4048	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 10/American Literature	4023-4024	In American Literature, students explore various cultural periods of American literature. They examine numerous aspects of Romanticism, literature from multiple historical eras of the United States, and contributions made by significant American leaders. In addition to discovering multiple genres and investigating numerous periods of writing, students also explore the basics of literature, writing, and grammar.

Title	Course #	Course Description
English 11	4025	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 11 CR	4058	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 11/British Literature	4025-4026	British Literature provides students with a survey of literature in this genre. Students explore the Anglo-Saxon and medieval eras, the English Renaissance, and the Restoration and Enlightenment periods. They analyze how authors from this region have traditionally constructed texts and developed prominent and long-lasting literature. In this course, students examine a variety of styles and use the vocabulary that is characteristic of literature pieces they are reading. This course offers students numerous chances to discuss, analyze, synthesize, and evaluate the texts they read through a wide range of writing and thinking exercises.
English 12	4027	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 An Introduction to College Writing	4027-4028	Introduction to College Writing prepares students to create freshman writing pieces as they move toward their post-secondary education. In this course, they learn the skills necessary to build a solid foundation for basic college writing as they focus on informative and persuasive writing. Students practice organization, tone, and style in their work to ensure that they are well-rounded and skilled writers. Finally, students discover how to locate and present research and evidence in a logical, well-organized manner.
English 12 CR	4064	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 7	717	Students will study parts of speech and sentences. The literature selections, while exposing students to a variety of genres including fiction, non-fiction, and poetry, will also help students focus on key elements of literature such as character, plot, setting, theme, and point of view, as well as literary devices. Reading selections provide students the opportunity to improve reading comprehension skills, develop vocabulary, and make inferences. Students will compose formal writing assignments, including a comparison-contrast essay, a persuasive essay, and a short story. Prerequisites: None
English 8	804	Students will examine literary concepts by reading, interpreting, and writing about a variety of literature and other cultural texts. Students will survey a broad selection of readings while studying the structures of different literary genres, the elements of narratives and of characterization, literary devices and themes, and the concepts of style and grammar. Students will learn reading strategies appropriate to the different genres of literature and apply these strategies to the readings. Basic skills are emphasized in the context of literary pieces and are reinforced with practice and essay writing. Prerequisites: None
English 9	4021	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 9	4036-4037	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.
Entrepreneurship	3569	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
Entrepreneurship HS	3569	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
Entrepreneurship: Starting Your Business	543	What does it really take to own your own business? Does the sound of being your own boss make you feel excited or anxious? Either way, Entrepreneurship: Starting Your Business will get you started in the right direction. This course explains the ins and outs of such an enterprise, giving you the confidence needed to be your very own boss. You will discover what is needed to operate a personal business from creating a plan, generating financing, and pricing products to marketing services and managing employees. If you've ever dreamed of being a true entrepreneur but feel daunted by the prospect, this is your chance to learn all you need to know. Prerequisites: None
Environmental Projects	2171	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
Environmental Projects HS	2171	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

Title	Course #	Course Description
Environmental Science	6102	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 Survival	2171	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 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
Environmental Survival HS	2171	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 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
Essentials of English 10	4203	Following the same benchmarks as English 10, however, all readings and literature have been chosen based on the reading level of the students. Prerequisites: English 9
Essentials of English 11	205-206	Following the same benchmarks as English 11, however, all readings and literature have been chosen based on the reading level of the students. Prerequisites: English 10
Essentials of English 12	4207	Following the same benchmarks as English 12, however, all readings and literature have been chosen based on the reading level of the students. Prerequisites: English 11
Essentials of English 9	201-202	Following the same benchmarks as English 9, however, all readings and literature have been chosen based on the reading level of the students. Prerequisites: None
Ethics and Researched Decision Making	8613	The purpose of this course is to help students develop the ability to make reasoned and ethical choices when confronted with the many complex, controversial moral dilemmas faced in today's society. Students will become acquainted with the foundations of ethical thought and theories as well as gain an insight into the process of moral development. Students will also identify typical fallacies in flawed moral arguments. Students will also be given the opportunity, both orally and in writing, to apply the skills they acquire to real life moral dilemmas. This multidisciplinary course offers students the ability to choose among research topics as they relate to various fields such as science, history, and literature. The course promotes research skills and students gain the ability to evaluate research claims made in the media, literature and other sources. Prerequisites: None
Experiencing Music I	6814	Designed for students in grades K–2, these courses introduce younger students to the basic components of music: melody and rhythm. Students use these components to explore their own voices by creating beats and rhythms. In addition, students use critical-listening skills to analyze music they hear as they participate in interactive experiences. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience for students in these grades. Prerequisites: None
Experiencing Music II	6815	Designed for students in grades K–2, these courses introduce younger students to the basic components of music: melody and rhythm. Students use these components to explore their own voices by creating beats and rhythms. In addition, students use critical-listening skills to analyze music they hear as they participate in interactive experiences. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience for students in these grades. Prerequisites: Exp Music I
Experiencing Music III	6816	Designed for students in grades K–2, these courses introduce younger students to the basic components of music: melody and rhythm. Students use these components to explore their own voices by creating beats and rhythms. In addition, students use critical-listening skills to analyze music they hear as they participate in interactive experiences. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience for students in these grades. Prerequisites: Exp Music II
Explorations in Mathematics	5026-5027	This course is designed to provide the student with a solid mathematics foundation. The student will explore properties of rational numbers including divisibility patterns, prime factorization, greatest common factor, and least common multiple. The student will add, subtract, multiply, and divide rational numbers. Then, the student will identify and solve expressions and equations using variables. Finally, the student will use properties, including the Associative Property, Commutative Property, and Distributive Property, to solve and simplify equations. Prerequisites: None
Explorations in Spanish I (3-5)	2412	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.
Explorations in Spanish II (3-5)	2413	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.
Explorations in Spanish K-2	2336	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.
Explorers Projects	3707	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 Prerequisites: None
Explorers Projects HS	3707	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

Title	Course #	Course Description
Exploring Music I MS	522	This series of courses is designed to teach students fundamental musicianship from a Western Classical approach while aligning to national music education standards. Through the use of virtual tools and an analysis of classic repertoire, students improve their rhythm, listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 6–8. Prerequisites: None
Exploring Music II MS	524	This series of courses is designed to teach students fundamental musicianship from a Western Classical approach while aligning to national music education standards. Through the use of virtual tools and an analysis of classic repertoire, students improve their rhythm, listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 6–8. Prerequisites: Explore Music I (recommended)
Exploring Music III MS	526	This series of courses is designed to teach students fundamental musicianship from a Western Classical approach while aligning to national music education standards. Through the use of virtual tools and an analysis of classic repertoire, students improve their rhythm, listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 6–8. Prerequisites: Explore Music II (recommended)
Fashion and Interior Design	1004	Do you have a flair for fashion? Are you constantly looking for new ways to decorate or design your room? If so, Fashion and Interior Design is the course for you. Explore the world of design and begin to understand the background and knowledge needed to develop a career in this exciting field. Try your hand at designing through a project-based process, learning how color, composition, and texture can all affect great aesthetics. You'll develop the essential communications skills necessary to build a successful business and begin to develop the kind of portfolio that will lead to future career opportunities. Perhaps it's time to get your stylish foot in the door? Prerequisites: None
Fashion Design	1003	The fashion business involves a series of buying supplies, creating and developing new products, and marketing those products. Fashion Design is an advanced course for students interested in learning the intricate process of how the fashion system works. This is an in-depth study of the fashion business in sequential order from concept to consumer. The fashion industry includes all of the processes involved with producing raw materials, apparel, and accessories, encompassing the retail stores that sell fashion merchandise to the public. It is important for executives in the fashion trade to know how all of these processes interrelate. Students learn that the decision-making process is complex and not just about the latest designers, styles, or trends of an era. Fashion Design takes students through the history of fashion, exploring the looks and creations at every era. Discussion on the equipment, tools, and fabrics used to create fashion occurs, while also introducing the use of technology in fashion. Students have an opportunity to express themselves and their style through the creation of their own fashion design sketches and mood boards. Students become well-versed in fashion terminology and learn how to forecast new and upcoming fashion trends. Prerequisites: None
Financial Apps	2441	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
Financial Apps HS	2441	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
Fitness and Lifestyle Design	1006	In this course, students will learn healthy habits of body and mind that will lead to a healthier lifestyle. They will measure their beginning fitness level and nutrition knowledge, creating an individual plan for achieving their goals. Prerequisites: None
Fitness Projectbasketball	2402	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
Fitness Projectbasketball HS	2402	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
Flex ELA 1	110	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.
Flex ELA 2	210	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.
Flex ELA: Analytical Grammar 6	612	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 through online mediums. In this course students will be introduced to a whole new way of "doing" grammar and writing. The Analytical Grammar portion of this course will cover English grammar, punctuation and usage in a way that makes sense for middle school students. Online Haiku activities and creative writing assignments will provide students with the chance to put their improved grammar skills to good use. In order for this excellent program to work, homework MUST be completed on time each and every week, without exception.
Flex ELA: Analytical Grammar 7	715	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 through online mediums. In this course students will be introduced to a whole new way of "doing" grammar and writing. The Analytical Grammar portion of this course will cover English grammar, punctuation and usage in a way that makes sense for middle school students. Online Haiku activities and creative writing assignments will provide students with the chance to put their improved grammar skills to good use. In order for this excellent program to work, homework MUST be completed on time each and every week, without exception.
Flex ELA: Analytical Grammar 8	806	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 through online mediums. In this course students will be introduced to a whole new way of "doing" grammar and writing. The Analytical Grammar portion of this course will cover English grammar, punctuation and usage in a way that makes sense for middle school students. Online Haiku activities and creative writing assignments will provide students with the chance to put their improved grammar skills to good use. In order for this excellent program to work, homework MUST be completed on time each and every week, without exception.
Flex ELA: IEW US History 6	0888	Students will learn the importance of good, proper writing and develop a love for writing. Topics explored will be the writing process, useful habits, resource and reference tools, structure, style, fiction and nonfiction writing. This Institute for Excellence in Writing's theme based writing class will give middle grade writers confidence in their writing as they learn new writing skills and build on them each week. It is also a great continuation for young writers who have previously taken an IEW course and need more practice or who enjoy writing and would just like to stay in practice.
Flex ELA: IEW US History 7	0888	Students will learn the importance of good, proper writing and develop a love for writing. Topics explored will be the writing process, useful habits, resource and reference tools, structure, style, fiction and nonfiction writing. This Institute for Excellence in Writing's theme based writing class will give middle grade writers confidence in their writing as they learn new writing skills and build on them each week. It is also a great continuation for young writers who have previously taken an IEW course and need more practice or who enjoy writing and would just like to stay in practice.
Flex ELA: IEW US History 8	0888	Students will learn the importance of good, proper writing and develop a love for writing. Topics explored will be the writing process, useful habits, resource and reference tools, structure, style, fiction and nonfiction writing. This Institute for Excellence in Writing's theme based writing class will give middle grade writers confidence in their writing as they learn new writing skills and build on them each week. It is also a great continuation for young writers who have previously taken an IEW course and need more practice or who enjoy writing and would just like to stay in practice.

Title	Course #	Course Description
Flex ELA: Literature 6	612	Students will meet new characters and explore the world through books as they're introduced to literary terms, evaluation, and discussion while reading a variety of enjoyable literature books. The goal of the reading list is for students to be challenged in how they process what they read and to also analyze literary styles, genres, and characters using the historical and cultural aspects of the books students read. Students will use digital tools to find, organize, analyze, synthesize, and evaluate information. Literary analysis, activities, projects, discussion topics, and interesting homework assignments will also be used to teach students how to become active readers. 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 all necessary for college readiness.
Flex ELA: Literature 6th	612	Writing, writing, writing! In this class students will go through the writing process by writing a variety a papers such as operational essays, persuasive essays, compare/contrast essays and short stories. This class will allow each student to progress in their writing from where they are so students with various levels of writing ability are able to be challenged and grow in their writing ability. The goal is to help prepare students for Middle School Level Writing. In addition students will have some reading, spelling, and vocabulary assignments.
Flex ELA: Literature 7	715	Students will meet new characters and explore the world through books as they're introduced to literary terms, evaluation, and discussion while reading a variety of enjoyable literature books. The goal of the reading list is for students to be challenged in how they process what they read and to also analyze literary styles, genres, and characters using the historical and cultural aspects of the books students read. Students will use digital tools to find, organize, analyze, synthesize, and evaluate information. Literary analysis, activities, projects, discussion topics, and interesting homework assignments will also be used to teach students how to become active readers. 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 all necessary for college readiness.
Flex ELA: Literature 7	715	This multidisciplinary class aims to do that by introducing students to literary terms, annotation, evaluation, reading responses, and discussion while reading a variety of enjoyable books through the Lightning Literature curriculum. The goal of the reading list is for students to be challenged, using British literature, in how they process what they read and to 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. This course will focus on British Literature.
Flex ELA: Literature 8	806	Students will meet new characters and explore the world through books as they're introduced to literary terms, evaluation, and discussion while reading a variety of enjoyable literature books. The goal of the reading list is for students to be challenged in how they process what they read and to also analyze literary styles, genres, and characters using the historical and cultural aspects of the books students read. Students will use digital tools to find, organize, analyze, synthesize, and evaluate information. Literary analysis, activities, projects, discussion topics, and interesting homework assignments will also be used to teach students how to become active readers. 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 all necessary for college readiness.
Flex ELA: Literature 8	806	This multidisciplinary class aims to do that by introducing students to literary terms, annotation, evaluation, reading responses, and discussion while reading a variety of enjoyable books through the Lightning Literature curriculum. The goal of the reading list is for students to be challenged, using British literature, in how they process what they read and to 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. This course will focus on British Literature.
Flex ELA: Writing Skills 4	410	Writing, writing, writing! In this class students will go through the writing process by writing a variety a papers such as operational essays, persuasive essays, compare/contrast essays and short stories. This class will allow each student to progress in their writing from where they are so students with various levels of writing ability are able to be challenged and grow in their writing ability. The goal is to help prepare students for Middle School Level Writing. In addition students will have some reading, spelling, and vocabulary assignments.
Flex ELA: Writing Skills 5	510	Writing, writing, writing! In this class students will go through the writing process by writing a variety a papers such as operational essays, persuasive essays, compare/contrast essays and short stories. This class will allow each student to progress in their writing from where they are so students with various levels of writing ability are able to be challenged and grow in their writing ability. The goal is to help prepare students for Middle School Level Writing. In addition students will have some reading, spelling, and vocabulary assignments.
Flex ELA: Writing Skills 6	610	Writing, writing, writing! In this class students will go through the writing process by writing a variety a papers such as operational essays, persuasive essays, compare/contrast essays and short stories. This class will allow each student to progress in their writing from where they are so students with various levels of writing ability are able to be challenged and grow in their writing ability. The goal is to help prepare students for Middle School Level Writing. In addition students will have some reading, spelling, and vocabulary assignments.
Flex Language Arts 1	110	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.
Flex Science: Botany 3	360	Students will explore the world of plants through various hands-on living labs. Students will dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art & craft activities will complement our lessons as students learn about plants from the roots up: plant classification, plant cells, the life cycle of plants, flower parts, leaf shapes, etc. Hands-on lab experiences and online learning with botany readings, videos, and interactive games and activities will complement in-class lessons. Individual term projects will expand our learning of botany beyond the classroom.
Flex Science: Botany 4	460	Students will explore the world of plants through various hands-on living labs. Students will dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art & craft activities will complement our lessons as students learn about plants from the roots up: plant classification, plant cells, the life cycle of plants, flower parts, leaf shapes, etc. Hands-on lab experiences and online learning with botany readings, videos, and interactive games and activities will complement in-class lessons. Individual term projects will expand our learning of botany beyond the classroom.
Flex Science: Botany 5	560	Students will explore the world of plants through various hands-on living labs. Students will dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art & craft activities will complement our lessons as students learn about plants from the roots up: plant classification, plant cells, the life cycle of plants, flower parts, leaf shapes, etc. Hands-on lab experiences and online learning with botany readings, videos, and interactive games and activities will complement in-class lessons. Individual term projects will expand our learning of botany beyond the classroom.
Flex Science: Botany 6	660	Students will explore the world of plants through various hands-on living labs. Students will dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art & craft activities will complement our lessons as students learn about plants from the roots up: plant classification, plant cells, the life cycle of plants, flower parts, leaf shapes, etc. Hands-on lab experiences and online learning with botany readings, videos, and interactive games and activities will complement in-class lessons. Individual term projects will expand our learning of botany beyond the classroom.
Flex Science: Botany 7	0086	Students will explore the world of plants through various hands-on living labs. Students will dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art & craft activities will complement our lessons as students learn about plants from the roots up: plant classification, plant cells, the life cycle of plants, flower parts, leaf shapes, etc. Hands-on lab experiences and online learning with botany readings, videos, and interactive games and activities will complement in-class lessons. Individual term projects will expand our learning of botany beyond the classroom.

Title	Course #	Course Description
Flex Science: Botany 8	0088	Students will explore the world of plants through various hands-on living labs. Students will dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art & craft activities will complement our lessons as students learn about plants from the roots up: plant classification, plant cells, the life cycle of plants, flower parts, leaf shapes, etc. Hands-on lab experiences and online learning with botany readings, videos, and interactive games and activities will complement in-class lessons. Individual term projects will expand our learning of botany beyond the classroom.
Flex Science: Foundations MS 6	0660	In this course, students will discover more about the world around them through cell study, organism study and more and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Students will conduct scientific investigations and research, and will learn how the scientific method is used to answer scientific questions. This course is designed to teach students about foundational topics in science that they will need in upper level middle school science courses. Through a series of hands on experiments and activities students will learn about topics such as and not limited to, the scientific method, how to use a microscope appropriately and effectively, classification of living things, osmosis and diffusion, cells and cell organelles, mitosis and meiosis, basics of genetics and heredity, density, special properties of water, chemical vs. physical properties and reactions, an introduction to the periodic table, an introduction to photosynthesis and cellular respiration, and acids and bases.
Flex Science: Foundations MS 7	0086	In this course, students will discover more about the world around them through cell study, organism study and more and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Students will conduct scientific investigations and research, and will learn how the scientific method is used to answer scientific questions. This course is designed to teach students about foundational topics in science that they will need in upper level middle school science courses. Through a series of hands on experiments and activities students will learn about topics such as and not limited to, the scientific method, how to use a microscope appropriately and effectively, classification of living things, osmosis and diffusion, cells and cell organelles, mitosis and meiosis, basics of genetics and heredity, density, special properties of water, chemical vs. physical properties and reactions, an introduction to the periodic table, an introduction to photosynthesis and cellular respiration, and acids and bases.
Flex Science: Foundations MS 8	0088	In this course, students will discover more about the world around them through cell study, organism study and more and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Students will conduct scientific investigations and research, and will learn how the scientific method is used to answer scientific questions. This course is designed to teach students about foundational topics in science that they will need in upper level middle school science courses. Through a series of hands on experiments and activities students will learn about topics such as and not limited to, the scientific method, how to use a microscope appropriately and effectively, classification of living things, osmosis and diffusion, cells and cell organelles, mitosis and meiosis, basics of genetics and heredity, density, special properties of water, chemical vs. physical properties and reactions, an introduction to the periodic table, an introduction to photosynthesis and cellular respiration, and acids and bases.
Flex Science: Outdoor World 1	160	This course integrates natural fun into learning while learning about and exploring nature. Students will engage with stories and projects, as they head outdoors for an exciting exploration of the natural world. With nature herself as our backdrop, they'll become citizen scientists as they investigate the world of insects, trees, mammals and birds, plants, snow, seeds, water, shadows, soil, rocks and minerals, and more.
Flex Science: Outdoor World 2	260	This course integrates natural fun into learning while learning about and exploring nature. Students will engage with stories and projects, as they head outdoors for an exciting exploration of the natural world. With nature herself as our backdrop, they'll become citizen scientists as they investigate the world of insects, trees, mammals and birds, plants, snow, seeds, water, shadows, soil, rocks and minerals, and more.
Flex Science: Physical Science 7	0086	In this year long class, utilizing student built projects, they'll cover force and motion, elements of flight & rocketry, basic circuitry, principles of architecture, sound and music and solar energy, which will give students a strong foundation to later move on to high school level physics. Most projects will be worked on over a multi-week period. Class time is primarily lab time spent working with the models constructed by students. Goal of the lab time include: identify physics lab tools, how to write a lab report, why to write a lab report and safety in the lab. This class will also touch on measurement of data, design of experiments and data analysis.
Flex Science: Physical Science 8	0088	In this year long class, utilizing student built projects, they'll cover force and motion, elements of flight & rocketry, basic circuitry, principles of architecture, sound and music and solar energy, which will give students a strong foundation to later move on to high school level physics. Most projects will be worked on over a multi-week period. Class time is primarily lab time spent working with the models constructed by students. Goal of the lab time include: identify physics lab tools, how to write a lab report, why to write a lab report and safety in the lab. This class will also touch on measurement of data, design of experiments and data analysis.
Flex Science: Physics 8	0088	In this year long class, utilizing student built projects, they'll cover force and motion, elements of flight & rocketry, basic circuitry, principles of architecture, sound and music and solar energy, which will give students a strong foundation to later move on to high school level physics. Most projects will be worked on over a multi-week period. Class time is primarily lab time spent working with the models constructed by students. Goal of the lab time include: identify physics lab tools, how to write a lab report, why to write a lab report and safety in the lab. This class will also touch on measurement of data, design of experiments and data analysis.
Flex Social Studies: American Eras MS 6	0888	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.
Flex Social Studies: American Eras MS 7	0890	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.
Flex Social Studies: American Eras MS 8	0890	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.
Fluency Spanish I	2334	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
Forensic Science I: Secrets of the Dead	2115	Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed. Prerequisites: None
Forensic Science II: More Secrets of the Dead	6032	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

Title	Course #	Course Description
Forensics & Technology	1121	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
Forensics and Technology HS	1121	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. Students will create a movie and digital portfolio of their investigations. Prerequisites: None
Forestry and Natural Resources	0009	Whether you are a treehugger 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	3575	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
Form Dimension HS	3575	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
Foundations of Personal Finance	2914	This is turnkey curriculum designed to fully equip you with everything you need for a dynamic classroom experience. We've included complete lesson plans, teaching delivered via video by Dave Ramsey and his team of experts, blended learning, and a TestGen® computerized test bank. In addition, more than one hundred activities are included which focus on providing 21st century personal finance knowledge and skills in a student-centered, competency-based approach to learning. Prerequisites: None
French Culture	1201	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
French Culture HS	1201	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
French I	2001	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	23	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	2005	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	21	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	2011	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	2013	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
Fundamentals of Art	1123	What words can you use to describe the parts that make up great art? What terms do artists apply to their creations in order to achieve intended results? Fundamentals of Art, an entry-level, one-semester course, introduces you to the theory and practice of art. You will begin your study with intensive vocabulary application of the terms of art to help you critically and insightfully discuss—and eventually write about—art. This course discusses and demonstrates the elements (line, color, shape/form, space, value, and texture) and principles of art (balance, harmony, unity, emphasis, repetition, rhythm, contrast, and composition) through the incorporation of famous works of art, as well as with the use of interactive graphics and activities. You will study classic representations of art that demonstrate particular elements and principles, such as paintings by Pissarro, da Vinci, Cimabue, Monet, Van Gogh, Gauguin, Renoir, and Monet. This course focuses on teaching you to analyze works of art rather than create art. Before enrolling in this course, you should have basic skills in analysis and writing about subjects using evidence to support your ideas. Prerequisites: None
Fundamentals of Art History	1223	Moments in time and place work to inspire our most treasured works of art. Can you imagine if Goya lived during the violence and revolution of 19th century Spain? How would Daguerre have expressed himself artistically if he had not invented photography? Each artist expresses his unique moment and place in history. Fundamentals of Art History is an introductory, one-semester course designed to develop your understanding and appreciation for the visual arts. This course focuses on teaching you to analyze works of art rather than create art. In this course, you will explore the arts, artists, and their cultures from prehistoric times through the present. You will begin to explore important works of art selected from various types of media, including painting, sculpture, architecture, and photography. As the course presents works of different periods, you will receive the historical and geographic context necessary for gaining a deeper appreciation of the pieces. This course provides you with a working knowledge of concepts and an enriched vocabulary so that you can become a more informed consumer of art. Prerequisites: None
Fundamentals of English Composition	4554	As a beginning writer, you will gain the tools you need to write effectively for school and life in Fundamentals of English Composition. In this one-semester course, you will explore not only how to write, but why. All writing serves a purpose. This course defines the characteristics of effective writing, identifies different purposes for writing, and teaches you strategies for achieving those purposes. The course also provides in-depth instruction on the writing process, focusing on prewriting and revision. In the last part of the course, you will evaluate your own work by looking at it through the eyes of a reader. When you finish the course, you will have written an analytical essay, a persuasive cover letter, and a personal narrative; you will also have been exposed to peer review practices and guidelines for accepting and offering constructive criticism. Prerequisites: None

Title	Course #	Course Description
Fusion Language Arts 1	110	Through a cross curricular and banded standards approach, students will enjoy learning with the "natural method." Includes instructions for phonics, spelling, copywork, and a complete creative expression/pre-writing program. This course is paired with BookShark Social Studies book studies.
Fusion Language Arts 100	715	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.
Fusion Language Arts 2	210	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, copywork, 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.
Fusion Language Arts 3	340	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.
Fusion Language Arts 4	410	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.
Fusion Language Arts 5	510	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.
Fusion Language Arts 7	715	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.
Fusion Language Arts K	010	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 figure-ground 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!
Fusion Math 1 Math-U-See	120	Alpha focuses on teaching the concepts of single digit addition and subtraction. Uses systematic teaching strategies to help students commit the addition and subtraction facts to memory. Major Concepts and Skills Include: Understanding place value, Extending the counting sequence, Fluently adding all single-digit numbers, Solving for an unknown addend, Understanding the relationship between addition and subtraction, Fluently subtracting all single-digit numbers, Additional concepts and skills: Telling and writing time by hours and minutes, Recognizing & drawing rectangles, squares, and circles, Measuring length by repeating units, Introducing halves and fourths, Counting by 2s, 5s, 10s, and 100s and Reading, writing & interpreting word problems.
Fusion Math 1 Saxon	120	First-graders will skip count by 1's, 2's, 5's, and 10's; compare and order numbers; identify ordinal position to tenth; identify a sorting rule; identify and extend patterns; solve routine and nonroutine problems; master all basic addition facts and most of the basic subtraction facts; add two-digit numbers without regrouping; picture and name fractions; measure using inches, feet, and centimeters; compare volume, mass, and area; tell time to the half hour; count pennies, nickels, dimes, and quarters; identify and draw polygons; identify geometric solids; tally; and create, read, and write observations from real graphs, pictographs, and bar graphs.
Fusion Math 1 Singapore	120	The Singapore 1 Primary Math program uses the Concrete & Pictorial & Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A & B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year.
Fusion Math 2 Math-U-See	220	Math-U-See: Beta builds on the foundation in Alpha by applying students' mastery of single-digit addition and subtraction to multiple-digit addition and subtraction. One of the stepping stones between these two levels is the concept of place value, which is an important milestone for truly grasping any multiple-digit operation. Major Concepts and Skills Include: Understanding place value and using it to add or subtract, Fluently adding any combination of whole numbers, Solving for an unknown addend, Fluently subtracting any combination of whole numbers, Solving abstract and real-world problems involving addition and subtraction, Additional concepts and skills: Telling and writing time by hours and minutes Understanding, adding, and subtracting U.S. currency, Measuring and estimating length with inches, feet, centimeters, and meters, Comparing numbers and lengths, Expressing differences between numbers as inequalities, Finding the perimeter of any polygon, and Representing and interpreting data in plots and graphs.
Fusion Math 2 Saxon	220	Second-graders will skip count by 1's, 2's, 3's, 4's, 5's, 10's, 25's, and 100's; compare and order numbers; identify ordinal position to tenth; identify sorting and patterning rules; solve routine and nonroutine problems; master all basic addition and subtraction facts; master multiplication facts to 5; add and subtract two-digit numbers; picture and name fractions; measure to the nearest centimeter, foot, and half inch; compare volume; compare and measure mass; measure perimeter and area; tell time to five-minute intervals; count pennies, nickels, dimes, and quarters; identify geometric solids; identify lines of symmetry; identify angles; tally; and create, read, and write observations from real graphs, pictographs, bar graphs, Venn diagrams, and line graphs.
Fusion Math 2 Singapore	220	The Singapore 2 Primary Math program uses the Concrete & Pictorial & Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A & B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year.
Fusion Math 3 Math-U-See	320	Math-U-See: Once students have mastered the concepts of addition and subtraction (covered in Alpha and Beta), they are ready for multiplication. Gamma teaches single-digit facts and multiple-digit multiplication skills. Major Concepts and Skills Include: Using strategies based on place value and properties of operations to multiply, Fluently multiplying any combination of whole numbers, Solving for an unknown factor Solving abstract and real-world problems involving addition, subtraction, and multiplication, Measuring and computing area, Relating concepts of area to addition and multiplication, Additional Concepts and Skills: Skip counting as a precursor to multiplication, Adding and subtracting time in hours and minutes, Multiplying, adding, and subtracting U.S. currency and standard units of measure, Representing, recording, and interpreting data, Understanding of basic fractions, and estimating and solving measurement problems.

Title	Course #	Course Description
Fusion Math 3 Saxon	320	Third-graders will use simulations and games to learn and practice new concepts. Social studies and science connections are stressed. Children will skip count by whole numbers; compare and order numbers; identify place value; identify ordinal position to twentieth; identify and complete patterns; solve routine and nonroutine problems; master all basic addition, subtraction, multiplication, and division facts; add and subtract multidigit numbers; multiply a multidigit number by a single-digit number; divide by single-digit divisors; add positive and negative numbers; picture, name, and order fractions; add and subtract fractions with common denominators; measure to the nearest quarter inch, millimeter, foot, and yard; identify volume of standard containers; compare and measure mass; measure perimeter and area; tell time to the minute; determine elapsed time; count money; make change for a dollar; identify angles; identify lines of symmetry; identify function rules; graph ordered pairs on a coordinate graph; tally; and create, read, and write observations from real graphs, pictographs, bar graphs, Venn diagrams, and line graphs.
Fusion Math 3 Singapore	320	The Singapore 3 Primary Math program uses the Concrete & Pictorial & Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A & B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year.
Fusion Math 4 Math-U-See	420	Math-U-See: Division is presented as the inverse of multiplication. Single-digit division facts are learned and the concepts of division and place value are applied when solving long division problems. Major Concepts and Skills Include: Using strategies based on place value and properties of operations to divide, Understanding division as solving for an unknown factor, Fluently dividing any combination of whole numbers Solving abstract and real-world problems involving all four operations, Interpreting remainders in short and long division, Understanding fraction notation in light of division, Additional Concepts and Skills: Reading and writing Roman numerals, Dividing, multiplying, adding, and subtracting U.S. currency and standard units of measure, Understanding angle measure and geometric shapes including points, segments, rays, and lines, Classifying shapes based on defining attributes, and Understanding and computing area and volume.
Fusion Math 4 Saxon	420	Saxon mathematics is based on the principle of developing math skills incrementally and reviewing past skills daily. It also incorporates regular and cumulative assessments. Each of the 120 daily lessons includes warm-up activities, teaching of the new concept, and practice of new and previous material. Saxon 5/4 includes place value, regrouping, adding, subtracting, multiplication, division, fractions, factors, etc.
Fusion Math 4 Singapore	420	The Singapore 4 Primary Math program uses the Concrete & Pictorial & Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A & B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year.
Fusion Math 5 Saxon	520	Saxon Math 6/5 covers the following: Numbers and Operations, Dividing w/ decimals, fractions and mixed numbers and mental division, Powers, Square roots, Ratios and proportions, Estimation, Number Theory, Measurement, temperature and time, Geometry, Graphing, Probability and more.
Fusion Math 5 Singapore	520	The Singapore 5 Primary Math program uses the Concrete & Pictorial & Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A & B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year.
Fusion Math 6 Math-U-See	620	Zeta extends the student's concepts of place value to the right of the decimal point. Students learn to complete core operations with decimals. The connection between fractions and decimals is presented. Major Concepts and Skills Include: Expanding understanding of place value from positive powers of ten to include decimals, Fluently adding, subtracting, multiplying, and dividing multiple-digit decimals using place value strategies, Solving real-world problems with decimals and percentages, Understanding the metric system and converting from one unit of measure to another, Additional Concepts and Skills Include: Understanding and simplifying, Understanding negative numbers and representing them on the coordinate plane, Using properties of operations to simplify and evaluate algebraic expressions, Interpreting and graphing relationships between dependent and independent variables, Understanding of plane geometry & geometric symbols, and Using ratio reasoning to solve problems.
Fusion Math 6 Saxon	620	Math 7/6 is made up of five instructional components: Facts Practice, Mental Math, and Problem Solving; Daily Lessons; Daily Practice; Daily Problem Sets; and Cumulative Tests. Investigations, which are activity-based variations of the Daily Lessons, are distributed throughout the text. Math 7/6 reinforces the basic mathematical concepts and skills that students learned in Math 5/4 and Math 6/5. Concepts, procedures, and vocabulary students will need to be successful in upper-level algebra and geometry courses are introduced and continually practiced. Daily mental math and problem-solving exercises enhance students' repertoire of skills and increase their mathematical power. The textbook contains no answers, but an answer key is provided for all homework problems. In Math 7/6, students will learn: to simplify expressions containing parentheses, to add, subtract, multiply, and divide signed numbers, to work with exponents, square roots, geometric formulas, ratios, Percents, fractions, mixed numbers, and decimals.
Fusion Math 6 Singapore	620	The Singapore 6 Primary Math program uses the Concrete & Pictorial & Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A & B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year.
Fusion Math 7 Math-U-See (PreAlgebra)	720	Students develop skills in Fluently adding, subtracting, multiplying, and dividing positive and negative numbers, Understanding and simplifying exponents, Using properties of operations, order of operations, and absolute value, Expanding understanding of place value, Evaluating radicals, and Identifying the least common multiple and greatest common factor.
Fusion Math 7 Saxon (Algebra 1/2)	720	Introduction of the New Increment, Examples with Complete Solutions, Practice of the Increment, Daily Problem Set, and Cumulative Tests. Algebra 1/2 covers all topics normally taught in pre-algebra, as well as additional topics from geometry and discrete mathematics. It is recommended for seventh-graders who plan to take first-year algebra in the eighth grade, or for eighth-graders who plan to take first-year algebra in the ninth grade. Algebra 1/2 represents the culmination of the study of pre-algebra mathematics. In Algebra 1/2, students will learn: fractions and their arithmetic operations, decimals and their arithmetic operations, mixed numbers and their arithmetic operations, signed numbers and their arithmetic operations, translating from words to algebraic expressions, order of operations, percents, proportions, ratios, divisibility, rounding, place value, unit conversions, scientific notation, data representation, evaluation of algebraic expressions, the simplification of algebraic expressions, the solution of linear equations in one unknown, word problems involving pre-algebraic concepts, perimeter, area, surface area, Volume, classification of geometric figures and solids, geometric constructions, and symmetry.
Fusion Math 7 Singapore	720	Students cover introductory Algebra and Geometry. The Singapore 7 Primary Math program uses the Concrete & Pictorial & Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A & B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year.
Fusion Math 8 Math-U-See (Algebra 1)	820	Before starting Algebra 1 students should have a thorough grasp of the four basic operations (+, -, x, ÷), along with a mastery of fractions, decimals, and percents and Pre-Algebra. Major Concepts and Skills Include: Commutative & Associative Properties, Order of Operations, Solving for an unknown with One Variable, Cartesian Coordinates, Slope-Intercept Formula, Graphing Parallel Lines and the Equations of a Line, Finding the Slope-Intercept Formula with Different Givens, And more!
Fusion Math 8 Saxon (Algebra 1)	820	Algebra 1 includes such topics as: arithmetic and evaluation of expressions involving signed numbers, exponents, and roots; properties of real numbers, absolute value, equations and inequalities involving absolute value, scientific notation, unit conversions, solution of equations in one unknown, solution of simultaneous equations the algebra of polynomials and rational expressions, word problems requiring algebra for the solution (such as uniform motion and coin problems), graphical solution of simultaneous equations, graphs of a variety of functions: linear, quadratic, cubic, square root, absolute value, etc., translations and reflections of graphs, factoring, Pythagorean theorem, algebraic proofs, functional notation and functions, solution of quadratic equations by factoring, completing the square, and quadratic formula, direct and inverse variation, exponential growth, computation of the perimeter and area of two-dimensional regions, computation of the surface area and volume of a wide variety of geometric solids, statistics, and probability.
Fusion Math 8 Singapore	820	Students cover and develop deeper understanding of concepts from introductory Algebra and Geometry. The Singapore 8 Primary Math program uses the Concrete & Pictorial & Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A & B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year.

Title	Course #	Course Description
Fusion Math K Math-U-See	020	Math-U-See: Primer Level: In the Primer level your child will learn not only how to write numerals but also addition and subtraction, basic counting, skip counting, geometric shapes, telling time, and they will be introduced to the manipulative block system.
Fusion Math K Saxon	020	Students develop skills and count by 1's, 5's, and 10's, Act out problems, Find answers for addition & subtraction stories using manipulatives, Compare and order numbers, Identify common shapes, And more! There are two parts to the math program: The Meeting and The Lesson. Each week there are 3 lessons and on the other 2 days of the week you will repeat The Meeting from the day before (where review is emphasized by practicing the skills and concepts already introduced).
Fusion Math K Singapore	020	The Singapore K Primary Math program uses the Concrete > Pictorial > Abstract approach to learning. The Kindergarten program includes Textbook A and B as well as Pattern Blocks and Pattern Block Cards. There are no required workbooks for this grade.
Fusion Science 1	160	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.
Fusion Science 2	210	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).
Fusion Science 3	360	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
Fusion Science 4	460	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.
Fusion Science 5	560	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!).
Fusion Science 6	0660	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.
Fusion Science 7	0086	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.
Fusion Science K	060	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.
Fusion Social Studies 1	140	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.
Fusion Social Studies 100	0890	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.
Fusion Social Studies 2	140	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.
Fusion Social Studies 3	340	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.
Fusion Social Studies 4	440	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.

Title	Course #	Course Description
Fusion Social Studies 5	540	Through a cross curricular and banded standards approach with language arts , students will have a cross-continental itinerary. 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). Reading with History level five includes a 36-Week, 4-Day schedule designed to save one day a week for co-ops, music lessons, sports, field trips or other extra-curricular activities. Includes colorful map answer keys, discussion questions and answers as well as background notes. As you learn about countries with such different economic histories from ours, you'll enjoy Whatever Happened to Penny Candy?, an easy introduction to basic economics. And throughout your year, timeline figures and maps pull all your learning together. The history centerpiece is Journey to the Eastern Hemisphere, a book (new for 2016!) that combines articles and photos about various countries and regions: China, Korea, Japan, Russia, Southeast Asia, Vietnam, India, the Middle East, Israel, Saudi Arabia, Africa, the Pacific Islands, New Zealand, Australia, and Antarctica. 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.
Fusion Social Studies 6	0888	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?
Fusion Social Studies 7	0890	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?
Fusion Social Studies K	040	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. Dolittle 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.
Game Design I MS	78321	We all 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 Middle School Game Design 1, an interactive and hands-on course that will teach you all the ins and outs of making your own game. You will learn the importance of game structure and discover what makes a game fun, challenging, and interesting to players just like you. You will also have the opportunity to explore the design and creative process involved in game creation, learn block-based programs, and experiment with character and story development. As a bonus, you will leave the course with a digital portfolio of everything you created in class. Prerequisites: None
Game Design I: Introduction to Game Design	0403	Are you a gamer? Do you enjoy playing video games or coding? Does the idea of creating and designing your own virtual world excite you? If so, this is the course for you! Tap into your creative and technical skills as you learn about the many aspects involved with designing video games. You will learn about video game software and hardware, various gaming platforms, necessary technical skills, troubleshooting and internet safety techniques, and even the history of gaming. And to top it all off, you'll even have the opportunity to create your very own plan for a 2D video game! Turn your hobby into a potential career and go from simply being a player in a virtual world to actually creating one! Prerequisites: None
Game Design II: Building a Game	0404	We live in a technologically-advanced world where virtual reality and video games play a major role. Have you ever thought about designing your own video game? By signing up for Game Design 2 you will learn the skills needed to conceptualize, design, and fully create your very own video game. Explore various video game software and hardware, sharpen your coding skills, learn about game storylines, player progression, and algorithmic decision making. Learn to analyze player goals, actions, rewards, and challenges, among many other game play components. Utilize the 21st century skills of creativity, critical thinking, communication, collaboration, and technical expertise. When you sign up for Game Design 2, you are putting yourself at the forefront of a future in technology! Prerequisites: Game Design 1
GED Prep: English	1022	GED Prep Courses prepare students to take the GED tests. Students will take the GED Ready® practice tests for the appropriate subject area and receive a description of the skills and performance levels that will direct students as they work to improve. Students have access to the GED Ready practice tests via voucher codes supplied by Pearson Connexus (GP). Vouchers are limited to two per student. Prerequisites: Counselor Approval
GED Prep: Math	1024	GED Prep Courses prepare students to take the GED tests. Students will take the GED Ready® practice tests for the appropriate subject area and receive a description of the skills and performance levels that will direct students as they work to improve. Students have access to the GED Ready practice tests via voucher codes supplied by Pearson Connexus (GP). Vouchers are limited to two per student. Prerequisites: Counselor Approval
GED Prep: Science	1026	GED Prep Courses prepare students to take the GED tests. Students will take the GED Ready® practice tests for the appropriate subject area and receive a description of the skills and performance levels that will direct students as they work to improve. Students have access to the GED Ready practice tests via voucher codes supplied by Pearson Connexus (GP). Vouchers are limited to two per student. Prerequisites: Counselor Approval
GED Prep: Social Studies	1028	GED Prep Courses prepare students to take the GED tests. Students will take the GED Ready® practice tests for the appropriate subject area and receive a description of the skills and performance levels that will direct students as they work to improve. Students have access to the GED Ready practice tests via voucher codes supplied by Pearson Connexus (GP). Vouchers are limited to two per student. Prerequisites: Counselor Approval
Genealogy	3594	In this cross curricular course students will explore questions including: Who am I? Where do I come from? How do I know? What are methods to discover one's genealogical past? How does this vary among individual families? Where is family history information located? What are advantages and disadvantages of different investigation strategies? Elementary students will create a genealogy art journal. Prerequisites: None
Genealogy HS	3594	In this cross curricular course students will explore questions including: Who am I? Where do I come from? How do I know? What are methods to discover one's genealogical past? How does this vary among individual families? Where is family history information located? What are advantages and disadvantages of different investigation strategies? How is genetic information based from parent to offspring? What type of traits are passed? How does my family's history connect to the history of others in my region, country, and the world? What was the experience of my ancestors? Students will present a final multimedia project. Prerequisites: None
Geography	8960	This course addresses key concepts of physical and human geography and presents information about the United States, Canada, Latin America, Western Europe, Central Europe, Northern Eurasia, Central and Southwest Asia, Africa, South Asia, East Asia, the Pacific world, and Antarctica. Prerequisites: None
Geography 2	242	Student will learn about the exact and relative location, boundaries, and regions while continuing to build basic map skills.
Geography 3	344	Students will learn to identify hemispheres, continents, and oceans. They will gain an understanding of longitude, latitude, and symbols on maps and graphs.
Geography 5	544	Students will study the regions of the United States, the countries of Latin American and Canada.

Title	Course #	Course Description
Geography and Society	8964	Students explore geography skills and principles as they examine several case studies with geographic implications. They gain an understanding of the ways in which geography influences the daily lives of people around the world. This course covers the concepts of physical geography, human and environmental interaction, human systems, and the movement of peoples and their cultures. Prerequisites: None
Geometry	5202	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 CR	5204	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	2101	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	66	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	2105	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	62	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
German III	2107	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 II
German IV	2109	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 III
Gifted & Talented Language Arts 3	*	Gifted & Talented Language Arts 3 course provides students opportunities to work at an accelerated pace, while engaging in more complex and challenging instructional activities. Students are provided opportunities for increased student-teacher interaction and discussion, as well as increased interaction with their peers. This course focuses on developing critical thinking and analytical skills. Students also create compositions throughout the course 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: Approval
Gifted & Talented Language Arts 4	*	Gifted & Talented Language Arts 4 course provides students opportunities to work at an accelerated pace, while engaging in more complex and challenging instructional activities. Students are provided opportunities for increased student-teacher interaction and discussion, as well as increased interaction with their peers. Oral language skills are developed with instruction in oral compositions, interviews, and discussion. Writing skills are reinforced with instruction in spelling, handwriting, grammar, and language usage. Classic and award-winning children's literature carries students across oceans and through centuries as tales of adventure unfold. Prerequisites: Approval
Gifted & Talented Language Arts 5	513	Gifted & Talented Language Arts 5 course provides students opportunities to work at an accelerated pace, while engaging in more complex and challenging instructional activities. Students are provided opportunities for increased student-teacher discussion, as well as increased interaction with their peers. Critical thinking skills are intertwined with novel activities in order to sharpen students' analytical abilities. Reading comprehension instruction allowing students to practice identifying main ideas and themes in any given reading passage. The writing content throughout the course concentrates on crafting quality sentences, organizing paragraphs, summary writing, and adding detail to writing. Prerequisites: Approval
Gifted & Talented Language Arts 6	*	In Gifted & Talented Language Arts 6, the student works at an accelerated pace, while engaging in more complex and challenging instructional activities. 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: What brings out the best in you?, What's fair and what's not?, and What makes you who you are? 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 Journey to Topaz or Travels with Charley as his novel unit. 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, as the student reads, analyzes, and interprets a variety of literature, the student will ponder answers to central 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 and choose either Walk Two Moons or Esperanza Rising as his novel unit. The student will strengthen his mastery of the writing process and the six traits of writing as he composes expository, creative, and research writing. Prerequisites: Approval
Gifted & Talented Language Arts 7	*	In Gifted & Talented Language Arts 7, the student will work at an accelerated pace while engaging in more complex and challenging instructional activities. Each unit focuses on a central question; and the student will read, analyze, and interpret a variety of literature that Prerequisites: Approval
Gifted & Talented Language Arts 8	*	In Gifted & Talented Language Arts 8, the student will work at an accelerated pace while engaging in more complex and challenging instructional activities. Each unit focuses on a central question; and the student will read, analyze, and interpret a variety of literature that informs his perspective about questions such as the following: "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. He will also select literature for independent reading and choose either Johnny Tremain or My Brother Sam is Dead as his novel unit. 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 work at an accelerated pace while engaging in more complex and challenging instructional activities. As he reads, analyzes, and interprets a variety of literature, the student will ponder answers to questions such as the following: "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. He will also 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: Approval

Title	Course #	Course Description
Gothic Literature	4591	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
Great Minds in Science: Ideas for a New Generation	4592	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	2191	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
Green Screen HS	2191	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
Group Instrumental	1260	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
Group Instrumental HS	1260	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
Guitar Projects Beginner - Advanced	2359	Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in a 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. Prerequisites: None
Guitar Projects Beginner - Advanced HS	2359	Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in a 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
Gymnastics	2334	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
Gymnastics HS	2334	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
Health	2861	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 open-ended 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 MS	664	Students begin to learn and adopt healthier lifestyles, diets, exercise routines, and family dynamics. Middle School Health covers topics from improving lifestyles and nurturing familial relationships to lessening stress and promoting longer, healthier lives. Students study mental health and how it impacts the overall health of any individual directly. Finally, students learn more about decision-making and executing decisions that lead to improved overall health. Prerequisites: None
Health and Personal Fitness	9123	Health – The 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 and Physical Education 6	665	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
Health and Physical Education 7	764	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
Health and Physical Education 8	864	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
Health Fitness and Nutrition	9121	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
Health Science I: Public Health	9112	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 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 situations. Prerequisites: None

Title	Course #	Course Description
Health Science I: The Whole Individual	9112	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 Science II: Nursing	9116	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 II: Patient Care & Medical Services	9112	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 Sciences 1
Health, Safety and Nutrition	9114	Students learn about the physical and psychological needs of children, from birth to age eight, and how to meet these needs in group settings. Topics include wellness of young children, standards, guidelines and national initiatives, children's nutritional needs, safe and healthy environments, emergency response, child abuse and neglect, educational experiences, and partnering with families. Prerequisites: None
Healthy Living	1053	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
Healthy Living HS	1053	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
Historical Projects	3706	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
Historical Projects HS	3706	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
History 5	546	Students continue to learn about American History, from colonial times through the twenty-first century.
History of the Holocaust	8908	"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
Home Life MS	667	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	2081	This companion 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: None
Home Renovations HS	2081	This companion 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: None
Home Repairs	2080	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
Home Repairs HS	2080	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:
Honors Algebra I	5120	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	5311	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	4083	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

Title	Course #	Course Description
Honors English 11	4085	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	4081	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 I: Traveling the Globe	8909	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
Hospitality & Tourism II: Hotel and Restaurant Management	8910	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
Human Geography: Our Global Identity	529	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	531	The student will learn important human resource management skills used by business managers in day-to-day operations. While focusing on various aspects of human resource management and practices, problem-solving and critical-thinking skills are applied. Prerequisites: None
Improv	2181	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
Improv HS	2181	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
Independent Study	9202	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	2408	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 lab portion of the class is offered at various locations and may include archery, boxing, fencing, gyrokinesis, 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. Goals include: Prerequisites: None
International Business: Global Commerce in the 21st Century	3785	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
Introduction to Agriscience	0600	How can we make our food more nutritious? Can plants really communicate with each other? These are just two of the questions tackled in Introduction to Agriscience. 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 Introduction to Agriscience, 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
Introduction to Art	1002	Covering art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, this one-semester course provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400. Prerequisites: None
Introduction to Business	543	In this course, the student will explore business in global society, learning terminology, concepts, systems, strategies, and current issues. Topics include the business environment, ethics, entrepreneurship and global business, management, marketing, production, information systems, and financial elements. Prerequisites: None
Introduction to Communication	601	The student will examine the communication process, including elements of listening and verbal and nonverbal communication. The course also explores how these communication elements operate between self, individuals, and groups. Communication concepts and skills are explored through a variety of methods and activities. Prerequisites: None
Introduction to Computer Applications	602	In this course, students use electronic media and software to apply academic concepts in the creation of meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. Students produce presentations on Internet safety, online predators, and cyberbullying. At the end of the course, students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology. Prerequisites: None
Introduction to Criminal Justice	604	Students explore law enforcement, the courts, and the correctional system. They study what crime is, how crime is measured, and theories of crime causation. They also examine issues and challenges within the criminal justice system and its future directions. Prerequisites: None

Title	Course #	Course Description
Introduction to Drawing	0620	Learning to draw is like learning any new skill: it takes practice, practice, practice. Introduction to Drawing is a one-semester course for beginning and intermediate artists that provides training in the application of artistic processes and skills. In this course, you will learn the basics of line, contour, shading, texture, perspective, composition, and action drawing. You will examine artwork and demonstrate your newly learned skills by creating several original works of art and compiling a portfolio of your artwork. Prerequisites: None
Introduction to Finance	608	In this course, the student will gain an understanding of financial management, including key language and terminology, time, value of money, financial markets and securities, financial Prerequisites: None
Introduction to Homeland Security	610	This course provides an overview of the elements involved in the homeland security function, as well as the challenges managers in government and industry can face while maintaining mission operations and staff accountability in the midst of multiple overlapping roles and responsibilities. The key functions of threat prevention, asset protection, crisis response, and operations recovery are addressed from a variety of perspectives. Prerequisites: None
Introduction to Information Technology	423	This course is designed to provide an introduction to information technology concepts and careers. Students will explore the impact that modern information technology has on the world, people, and industry. The content includes understanding of basic computer hardware and software, hands-on Microsoft Office training, and integration of core education skills. Prerequisites: None
Introduction to Law	8635	Students receive an overview of substantive and procedural areas of law and legal practice. They explore the legal profession, courts, ethics, sources of law, and alternative dispute resolution systems, and they analyze an application of law to factual circumstances. Prerequisites: None
Introduction to Medical Assisting	612	Students explore the role of the medical assistant, including professionalism, duties and responsibilities, and medical specialties. Also included is information on medical law and ethics, office management, and compliance and regulatory issues affecting the role of the medical assistant. Prerequisites: None
Introduction to Military Careers	6699	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—Air Force, Army, Coast Guard, Marines Corps, and Navy—and 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 Philosophy: The Big Picture	8611	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
Introduction to Psychology	614	The student will gain an understanding of human behavior, including biological foundations and the brain, sensation, motivation, and perception. The relationship between learning and memory; various personality theories; emotions; states of consciousness; cognition; life-span development; and applied psychology will be explored. Prerequisites: None
Introduction to Social Media	615	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 Introduction to Social Media, 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
Introduction to Sociology	616	In this course, you will explore sociological processes that underlie everyday life. You will learn about globalization, cultural diversity, critical thinking, new technology, and the growing influence of mass media. Prerequisites: None
Introduction to the Paralegal Profession	613	The student will explore the role of paralegals in the legal system, paralegal skills, legal working environments, ethical considerations, and career opportunities. The student is introduced to the sources of law, an overview of courts, and alternative dispute resolution systems. Prerequisites: None
Introduction to Women's Studies	617	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, "History is Herstory too." Prerequisites: None
Japanese Culture	11231	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
Japanese Culture HS	11231	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
Japanese I	2151	In today's business world, learning Japanese can be extremely valuable. This course focuses on spoken and written Japanese with a thorough grounding in Japanese culture. Using warm-up activities, reading, vocabulary studies, games, and multimedia presentations, students gain the foundation to communicate successfully in Japanese. Prerequisites: None
Japanese II	2155	In today's business world, learning Japanese can be extremely valuable. This course focuses on spoken and written Japanese with a thorough grounding in Japanese culture. Using warm-up activities, reading, vocabulary studies, games, and multimedia presentations, students gain the foundation to communicate successfully in Japanese. Prerequisites: Japanese I
Java Programming I	426	Students explore programming fundamentals, basic problem solving, variables and assignments, math, conditionals, control ow, methods and functional abstraction, objects and data abstraction, inheritance and polymorphism, exception handling, graphical user interfaces, and external libraries. Students use Sun's Java programming language throughout this course. Prerequisites: None
Java Programming II	428	Students explore programming fundamentals, basic problem solving, variables and assignments, math, conditionals, control ow, methods and functional abstraction, objects and data abstraction, inheritance and polymorphism, exception handling, graphical user interfaces, and external libraries. Students use Sun's Java programming language throughout this course. Prerequisites: None
Journalism Elem	3577	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

Title	Course #	Course Description
Journalism HS	3577	Youth-generated, journalism fosters news literacy and creates a sense of community. Students 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
Journalism: Investigating the Truth	1201	Are you always the first one to know what's going on at school or in your town? Maybe your Facebook or Instagram accounts are the reliable place for others to find the latest breaking news? If so, you are just the kind of person every online, print, and broadcast news outlet is searching for, and Journalism: Investigating the Truth is the perfect course for you! Learn how to write a lead that really "grabs" your readers, interview sources effectively, and write engaging news stories. You will explore the history of journalism and see how the modern world of social media can provide an excellent platform for news. Turn your writing, photography, and collaborative skills into an exciting and rewarding journalism career! Prerequisites: None
Karate	2451	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
Karate HS	2451	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
Language Arts 1	110	In first grade, beginning readers work to become fluent readers. Understanding phonemic awareness, comprehension, vocabulary and phonics. 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. 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 2	210	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 3	310	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. \ 310:LANG ARTS 3 A CALVERT CONNEXUS K12 LINCOLN Prerequisites: None
Language Arts 4	410	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 5	510	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 6	612	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
Language Arts 7	715	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—1963 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 8	806	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

Title	Course #	Course Description
Language Arts K	10	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 Projects	1072	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
Language Projects HS	1072	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
Latin I	2185	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	33	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	2181	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	31	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
Latin III	2187	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 II
Law and Order: Introduction to Legal Studies	8641	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	3744	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
Leadership and Supervision in Business	544	This course examines the roles and responsibilities of supervisors in private, service, and public organizations. The student will gain an understanding of the expanded scope of supervisory responsibilities for business personnel ranging from first-time, first-line supervisors to top-level executives. Prerequisites: None
Leadership HS	3744	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
Learning in a Digital World: Strategies for Success	2999	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
Life Science MS	635	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	1052	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:
Life Skills HS	1052	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
Life Skills: Navigating Adulthood	2859	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
Literacy Foundations	4072	This class is designed to assist struggling readers work towards grade level proficiency. Students are expected to work closely with OVA teachers so that progress can be closely monitored. This program is adaptive to provide a very personalized experience to help meet the individual needs of each learner. Prerequisites: none

Title	Course #	Course Description
Literary Analysis Composition	4021	In this course, students work on their written and oral communication skills, while strengthening their ability to understand and analyze works of literature, both classic and modern. Literature: Students read short stories, poetry, drama, novels, essays, and informative articles. The course sharpens reading comprehension skills and engages readers in literary analysis as they consider important human issues and challenging ideas. Students also learn to read for information in nonfiction texts. Language Skills: Students learn to express their ideas effectively. They sharpen their composition skills through a focus on writing good paragraphs and essays in a variety of genres, such as persuasive and research essays. Students plan, organize, and revise written works in response to feedback on drafts. In grammar, usage, and mechanics lessons, students expand their understanding of parts of speech, phrases and clauses, sentence analysis and structure, agreement, punctuation, and other conventions. Vocabulary lessons build knowledge of Greek and Latin words that form the roots of many English words. Students use word origins and derivations to determine the meaning of new words as they increase their vocabularies. Prerequisites: None
Literature Projects	3507	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
Literature Projects HS	3507	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
Living Music I	1514	This series of courses teaches students fundamental musicianship from a Western classical approach while aligning to national music education standards. Students use classic repertoire to analyze compositional style and are challenged to improve their rhythm, listening, notation, analysis, performance, and improvisation skills using virtual tools. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 9–12. Prerequisites: None
Living Music II	1515	This series of courses teaches students fundamental musicianship from a Western classical approach while aligning to national music education standards. Students use classic repertoire to analyze compositional style and are challenged to improve their rhythm, listening, notation, analysis, performance, and improvisation skills using virtual tools. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 9–12. Prerequisites: None
Marine Science: Secrets of the Blue	6109	Have you ever wondered about the secrets of the deep, and how the creatures below the ocean's surface live and thrive? It is truly a new frontier of discovery, and in Marine Science you will begin to better understand the aquatic cycles, structures, and processes that generate and sustain life in the sea. Through the use of scientific inquiry, research, measurement, and problem solving, you will conduct various scientific procedures that will lead to an increased level of knowledge about Marine Science. You will also have the opportunity to use technology and laboratory instruments in an academic setting. By recognizing the inherent ethics and safety procedures necessary in advanced experiments, you will become progressively more confident in your abilities as a capable marine scientist. Prerequisites: None
Market Literacy	1082	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 Prerequisites: None
Market Literacy HS	1082	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
Math 1	120	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 2	220	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 3	320	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
Math 4	420	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 5	520	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 6	620	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, angles, 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 7	720	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

Title	Course #	Course Description
Math 8	820	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: None
Math K	20	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
Mathematical Models	5102	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 instalment-loan 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 and Communications	343	The purpose of this course is to analyze forms of media for the purpose of teaching about the tools of manipulation, power of the media, in Internet and related issues, and critical thinking. Media studies will be about empowering students to defend themselves against the power of the media as well as understanding how to utilize the media for the benefit of humanity. Reading, writing, speaking, listening, and viewing competencies are integrated throughout students' learning experiences. Students will also develop and use fundamental writing and language skills for creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style. Students will analyze literary models and engage in peer review techniques. Prerequisites: None
Medical Law and Ethics	621	Students gain an understanding of the legal and ethical issues that can impact professional roles in health care settings. Laws that regulate the health care industry, such as HIPAA, the Patient's Bill of Rights, and standard of care, are introduced. Students are encouraged to consider the impact of personal ethics and morals on decision making. Prerequisites: None
Medical Terminology	622	Students explore medical terminology and its symbols and abbreviations, as well as the application of this new language in health care. They learn medical terms relating to body structure and function, and how to construct terms using word parts such as roots, suffixes, and prefixes. Prerequisites: None
Michigan Cultures HS	1163	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
Michigan History 3	342	This course offers an introduction to Michigan state history. The student will trace the history of the state from its earliest inhabitants to the present. The course focuses on the state's geography, history, economy, culture, and government. Students will be introduced to skills such as recognizing change and continuity over time, comparing and contrasting, synthesizing information from multiple sources, and identifying cause and effect. Portfolio assessments will incorporate each unit theme, requiring application of new skills learned. Prerequisites: None
Modern Alchemy	3548	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
Modern Alchemy Applied	3549	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 Prerequisites: None
Modern Alchemy Applied HS	3549	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
Modern Alchemy HS	3548	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
Money Management	3590	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
Money Management HS	3590	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
Multimedia	2311	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
Multimedia HS	2311	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
Music	1258	Join us in this multidisciplinary course where students will experience a wonderful adventure in the music of the world! Students will learn about different instruments from many cultures and Prerequisites: None
Music Appreciation: The Enjoyment of Listening	1510	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's all 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	010	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 HS	1258	Join us in this multidisciplinary course where students will experience a wonderful adventure in the music of the world! Students will learn about different instruments from many cultures and they will even create one themselves! 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. Prerequisites: None
Mythology	3593	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

Title	Course #	Course Description
Mythology and Folklore	4621	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 HS	3593	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
Native American	1180	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.
Natural World Projects	2174	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
Natural World Projects Applied	3587	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
Natural World Projects Applied HS	3587	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
Natural World Projects HS	2174	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
Nutrition and Personal Fitness MS	929	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	09120	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	3760	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
Nutrition Projects HS	3760	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
One Act Play	1061	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
One Act Play HS	1061	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
OVA Yearbook HS	4902	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. This class meets weekly at the OVA lab. Prerequisites: None
OVA Yearbook MS	4902	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. This class meets weekly at the OVA lab. Prerequisites: None
Painting	1221	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 studied 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
Painting HS	1221	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 studied 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
Peer Counseling	8605	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	2913	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 HS	2912	Through this multidisciplinary course, students will learn that each day we make many personal and financial decisions. One way to organize these activities is with the use of a personal financial plan. Students will work on steps used to create and implement a personal financial plan. Students will learn explore apps and programs that can assist with budgeting, investing and how to properly manage borrowing money. We will take a look at what drives our financial decision making and the psychology behind the choices we are inclined to make. Prerequisites: None

Title	Course #	Course Description
Personal Finance I	5442	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 Fitness	9115	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	8608	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
Personal Psychology II: Living in a Complex World	8608	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 'you.' Why 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)	112	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	3720	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
Philosophy Projects HS	3720	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
Photography	3471	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.
Photography HS	3471	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.
Photography: Drawing with Light MS	3471	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	3491	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
Photoshop HS	3491	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
Physical Education I	2111	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 II	632	Physical Education II aims to provide you with the tools and knowledge you need to design, maintain, and build a balanced fitness routine. The course discusses the proper form for different types of exercise, including aerobic conditioning, strength training, and flexibility, along with general safety guidelines for working out. These topics will help you understand the importance and meaning of true physical fitness and apply different methods for achieving healthy weight, bones, and muscles. Fitness tests and logs allow you to determine your baseline fitness level and track your progress as you improve in all areas of physical fitness. Prerequisites: Physical Education I
Physical Education III	630	Physical Education III provides students with the tools and knowledge they need to design, maintain, and build on their own fitness routine. In addition to creating an individualized fitness plan, you will be introduced to techniques for losing, gaining, and maintaining a healthy weight. Lessons introducing stretching techniques and balancing exercises will help you create a balanced fitness plan that includes more than just playing sports or visiting the gym. The course discusses proper form for different types of exercise, along with general safety guidelines for working out. You will learn about the importance of nutrition by evaluating your eating habits, planning healthy meals, and completing nutritional logs. Prerequisites: Physical Education II
Physical Science	6251	Both physics and chemistry are prominent disciplines within the Physical Science course. In Physical Science P, students get an introduction to physics concepts of motion, forces, energy, waves and electricity. In Physical Science C, students get an introduction to chemistry topics surrounding matter, chemical reactions, and atomic structure. By reviewing multiple concepts, students gain foundational skills in the science disciplines that provide a basis for future course study. Prerequisites: None
Physical Science MS	563	This course explores many aspects of science. Students will begin the course by identifying matter as the basic building block of life. Students will then explore the cell and all of its working parts before being introduced to Earth's organisms and their processes. Finally, students will investigate Earth's water and atmospheric processes and determine how each produces energy systems. In the second part of Science 7, students will explore structural changes involving the Earth, ranging from the past to the present. This investigation will include the rock cycle, plate tectonics, and mineral formation. Students will inquire about the history of our universe and what it means to live in an Earth, Moon, and Sun system. Students will examine motion, forces, and various types of energy. Finally, students will examine types of sound and light energy. Prerequisites: None

Title	Course #	Course Description
Physical Science CR	6255	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	2001	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
Physical World Projects HS	2001	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
Physics	6612	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 CR	6614	Through an explanation of mechanics, Physics introduces students to the fundamentals. Prerequisites: None
Political Science	8100	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	622	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
Precalculus	5402	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
Precalculus CR	5405	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
Presenting in the Modern Age	2381	In this multidisciplinary course students will learn the importance of good, proper writing and develop a love for writing. Topics explored will be grammar, the writing process, useful habits, resource and reference tools, structure, style, fiction and nonfiction writing. Students will explore various writing styles including creative writing, essays, research papers poetry and more. Students may explore a variety of methods used to present their writing to audiences utilizing technology. Prerequisites: None
Presenting in the Modern Age HS	2381	In this multidisciplinary course students will learn the importance of good, proper writing and develop a love for writing. Topics explored will be grammar, the writing process, useful habits, resource and reference tools, structure, style, fiction and nonfiction writing. Students will explore various writing styles including creative writing, essays, research papers poetry and more. Students may explore a variety of methods used to present their writing to audiences utilizing technology. Prerequisites: None
Principles of Management	541	The student is introduced to common management philosophies and issues in today's changing world. The student will study globalization, ethics, diversity, customer service, and innovation from a managerial perspective. Prerequisites: None
Principles of Marketing	542	Students explore factors influencing how marketing decisions are made, including the impact of marketing decisions on an organization and its customers. They gain a working knowledge of practical marketing and business vocabulary. They also evaluate how the actions of competitors influence marketing decisions in the global marketplace. Prerequisites: None
Problem Solving Projects	2375	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
Problem Solving Projects HS	2375	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
PSAT Prep	996	PSAT Prep Course assists students with test preparation and teaches content that the student may be tested on during the actual exams. These prescriptive courses ensure that students focus on the areas where extra assistance is needed. PSAT Practice Tests include rigorous test items and are timed to help students learn to budget time in preparation for taking the actual PSAT assessments. This is a pass/fail course. Prerequisites: None
Psychology	8606	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	4620	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	3701	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
Public Speaking HS	3701	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

Title	Course #	Course Description
Reading & Writing for a Purpose	4626	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" in Reading (CPT, below 83; SAT, below 440; ACT, below 18). Prerequisites: None
Real World Parenting	540	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	2341	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
Reasoning HS	2341	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
Research Methods	0547	In this course, you will explore and apply the fundamentals of scientific research methodology by examining a social issue. You will develop a research question, find and evaluate existing research, and design and implement an objective research method. This course offers a step-by-step, systematic approach to conducting research. Emphasis is on using critical thinking, efficient research techniques, and the Internet to produce an in-depth research paper. Prerequisites:
Robotics	2379	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
Robotics HS	2379	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 Prerequisites: None
Rocks Rock	2172	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
Rocks Rock HS	2172	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
SAT Prep	998	PSAT Prep Course assists students with test preparation and teaches content that the student may be tested on during the actual exams. These prescriptive courses ensure that students focus on the areas where extra assistance is needed. PSAT Practice Tests include rigorous test items and are timed to help students learn to budget time in preparation for taking the actual PSAT assessments. This is a pass/fail course. Prerequisites: None
Science 1	160	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 2	260	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 3	360	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 4	460	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 5	560	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 6	660	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 7	86	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 8	88	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 Foundations	6131	Science Foundations is a two-semester course, with each semester containing 10 mini-units. Each mini-unit is composed of three lessons. The first lesson focuses on key concepts found in earth science, physical science, and life science. The second lesson reinforces reading and math skills students need to be successful with the content introduced in the first lesson. The third lesson introduces scientific inquiry and critical thinking skills that will help students thrive in science as well as other disciplines. Carefully paced, guided instruction is accompanied by engaging and accessible interactive practice. Checkup activities provide an opportunity to review content prior to assessment. Practice activities offer an opportunity to apply concepts that were presented in study activities. Prerequisites: None
Science K	60	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

Title	Course #	Course Description
Sculpture Projects	1201	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
Sculpture Projects HS	1201	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
Sea Explorers	3589	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
Sea Explorers HS	3589	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
Self Defense Martial Arts	2455	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
Self Defense Martial Arts HS	2455	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
Sewing Skills	2076	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
Sewing Skills HS	2076	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
Shakespeare Projects	3695	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 Prerequisites: None
Shakespeare Projects HS	3695	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
Social & Behavioral Studies	3721	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
Social & Behavioral Studies HS	3721	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
Social Media: Our Connected World	4660	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	4661	War, crime, poverty, global warming—our 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	4662	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	140	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 2	240	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

Title	Course #	Course Description
Social Studies 3	340	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 4	440	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 5	540	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 6	887	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 7	889	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 8	891	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 K	40	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
Sociological Projects	3722	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
Sociological Projects HS	3722	This project based cross curricular course will merge the two disciplines of sociology and technology. Such questions like: How can qualitative and quantitative data be used to present Prerequisites: None
Sociology I: The Study of Human Relationships	8655	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	8056	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	3509	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
Socratic Circles HS	3509	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
Solo Instrumental	1259	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
Solo Instrumental HS	1259	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
Solutionary Congress Projects	3712	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 Prerequisites: None
Solutionary Congress Projects HS	3712	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
Songwriting	2321	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
Songwriting HS	2321	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
Space Odyssey	2176	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

Title	Course #	Course Description
Space Odyssey HS	2176	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
Spanish Culture	2301	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
Spanish Culture 2	3611	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
Spanish Culture 2 HS	3611	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
Spanish Culture HS	2301	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
Spanish I	2302	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	12	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	2312	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	14	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	2322	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	2332	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, present-tense 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	4610	Using video tutorials, students study verbal and nonverbal techniques—including those of famous orators—to 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	3638	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
Speech Writing Publish HS	3638	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
Sports and Entertainment Marketing	9110	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 Management	9109	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	9103	Sports Medicine provides students with basic knowledge about the field of sports medicine, the anatomy of the body, and the common injuries that occur in sports. In addition to learning about the anatomy of the body and techniques used in sports medicine to train and strengthen the body, students learn about injuries, treatment options, and innovative technologies. Prerequisites: None
Starkweather Project	3710	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
Starkweather Project HS	3710	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
Statistics	5438	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.
Strategies	3621	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

Title	Course #	Course Description
Strategies HS	3621	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
Studio Art	1007	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	3740	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
Study Skills HS	3740	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
Team Games	2411	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 age-appropriate 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
Team Sports	2412	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
Team Sports HS	2412	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
Tech Design	3556	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
Tech Design HS	3556	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
Tech Design I - OVA	3556	This technology workshop will allow students to explore coding and 3-D printing at the upper elementary level. Student learning will be supported with game based coding, design, 3-D printing, activities and instruction. Students will have opportunities to do exciting hands-on projects, participate in group discussions, and learn how fun the world of coding can be! Prerequisites: None
Tech Web	3557	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
Tech Web HS	3557	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
Technical Writing Projects	3644	The study of language and writing is much more than dissecting sentences and committing a list of grammar rules to memory. It includes learning rules for writing, but it also encompasses learning the concepts that are critical to effective written communication. Students will use a multidisciplinary approach that incorporates a wide range of art, technology and performing arts to solidifying their skills in communicating effectively. Prerequisites: None
Technical Writing Projects HS	3644	The study of language and writing is much more than dissecting sentences and committing a list of grammar rules to memory. It includes learning rules for writing, but it also encompasses learning the concepts that are critical to effective written communication. Students will use a multidisciplinary approach that incorporates a wide range of art, technology and performing arts to solidifying their skills in communicating effectively. Prerequisites: None
Technology & Human Function	3723	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
Technology & Human Function HS	3723	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
Technology 1	7021	Computer studies include word processing, computer navigation, graphics skills, and visual mapping basics. Prerequisites: None
Technology 5	7025	Research and basic HTML skills are introduced. Prerequisites: None
Technology K	7020	Word processing and graphics applications are introduced. Prerequisites: None
Technology Projects	3518	Some understanding of coding and programming is essential for digital natives today. This 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. Prerequisites: None
Technology Projects HS	3518	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
Testing Strategies	3620	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
Testing Strategies HS	3620	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

Title	Course #	Course Description
The Lord of the Rings: An Exploration of the Films & Their Literary Influences	4601	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
Theater Cinema & Film Production	2017	Lights! Camera! Action! Let's explore the enchanting world of live theater and its fascinating relationship to the silver screen. In Theater, Cinema, and Film Production, you'll learn the basics of lighting, sound, wardrobe, and camerawork while examining the magic that happens behind all the drama. Delve into the glamorous history of film and theater, and examine the tremendous influence these industries have had on society and culture over the years. During this unit, you'll discuss and analyze three classic American films—Casablanca, Singin' in the Rain, and The Wizard of Oz—to help you learn how to critique and appreciate some of the most famous dramas of all time. Prerequisites: None
Theatre Art & Tech	1188	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
Theatre Art & Tech HS	1188	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
Thinking & Learning Strategies	6837	In this course, through reading, writing, and math activities, students will develop critical thinking skills and test-taking strategies. Students will also gain reading, writing, organization, and study strategies. Prerequisites: None
Trigonometry	5411	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. Government and Civics	8630	Students of this course will learn about the most important elements of the United States' community and government, as well as the processes involved within its government. Students will learn about elections, voting, campaigning, financial duties and responsibilities of the government, political and communal organizations, social contracts and the U.S. Constitution, the creation and implementation of laws, legal rights and responsibilities, and the three branches of government. Students will explore the creation, history, and purpose of the social system that makes up citizens' daily lives. Prerequisites: None
U.S. History	8966	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	8968	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
Veterinary Science: The Care of Animals	6111	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	3623	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
Watercolors HS	3623	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
Web Design	502	This course provides a comprehensive introduction to the essentials of website design. From designing page layouts to coding with CSS and JavaScript, students learn how to create a complete website. Through study of real-world design scenarios and hands-on projects, students create compelling, usable websites using KompoZer, one of the Internet's easiest-to-use open-source editing applications. Prerequisites: None
WebQuest	618	Students who sign up for this elective take part in an interactive experience that connects them to their local communities. The course encourages students to become active, contributing members of their communities through participation in a project focused on maintaining or improving their local environment. Over the course of 12 site visits, students will collect data, take notes, and complete activities to support a community effort of their choice. Prerequisites: None
Woodworking	2087	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
Woodworking HS	2087	This multidisciplinary course is designed to emphasize activities in planning, design and construction as applied to common forms of woodworking. Accuracy, neatness, sound work Prerequisites: None

Title	Course #	Course Description
World Culture	1172	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
World Culture HS	1172	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
World Eras	3516	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
World Eras HS	3516	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
World Geography	8962	Geography develops students' comprehension of the geographical concepts and skills needed to acquire information and systematically apply decision-making processes to real-life situations. Students will acquire an understanding of multiculturalism and the relationships between people and their environment. Geography explores the world's cultural regions by examining location, physical characteristics, demographics, historical changes, economic activity, and land use. Prerequisites: None
World History	8934	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	8936	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	3515	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
World Language HS	3515	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
World Religions: Exploring Diversity	8622	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