MICHIGAN
INTERNATIONAL
PREP SCHOOL

MIDDLE AND HIGH SCHOOL 2025-2026 COURSE CATALOG

Michigan International Prep School
miprepschool.org

MIDDLE AND HIGH SCHOOL COURSE CATALOG 2025-2026

Welcome to Michigan International Prep School (MIPS). We are excited to partner with you and your family to help achieve your goal of earning a high school diploma.

This document provides the list and descriptions of the middle and high school courses we offer. There are a lot of options to meet the needs of every student.

In addition to the courses listed in this document, students have the opportunity to dual enroll at any Michigan college or university. Eligibility is based on each student's individual academic progress and achievement. For more detailed information, please contact the Pathways Coordinator, Sonya Dudley at dudley@miprepschool.org.

The sources of our curriculum are prescreened and verified to be aligned with the State of Michigan Academic Standards and are designed to prepare students for the Michigan Merit Exam (MME). Where applicable, courses are approved to meet NCAA-initial eligibility requirements. A complete list of courses that are NCAA-initial eligibility approved can be provided by the student's counselor upon request. Our curriculum comes from the following:

- Edmentum
- Edgenuity
- Lincoln Learning Solutions
- MIPS Highly Qualified Educator Designed
- iReady
- IXL

If you have any questions related to our curriculum, instruction, and assessment, please feel free to contact Director of Curriculum and Instruction Roy Sovis at rsovis@miprepschool.org.

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 # Middle School course that can be taken for high school credit.

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BOARD OF EDUCATION AND LEADERSHIP TEAM

BOARD OF EDUCATION

Carol Mitchell	*President*
Kevin Trobaugh	*Vice President*
Tom Clancy	*Secretary*
Mike Vanderlinden	*Treasurer*
Heather Wills	*Trustee*

LEADERSHIP TEAM

Andrew Hulbert	*Superintendent*
Danielle Dias	*Director of Adult Learning*
Roy Sovis	*Director of Curriculum and Instruction*
Amy Dunlap	*Director of Family Engagement, Marketing, and Legislative Advocacy*
Charles Carver	*Director of Human Services*
Logan Dean	*Director of Mentoring Services*
Pam Sovis	*Director of Operations*
Christopher Card	*Director of the School of Arts*
Leslie Bragdon	*Director of Special Education*
Jenny Lawson	*Director of Administrative Systems*
Teresa Kellerman	*Elementary Principal*
David Pilgreen	*Secondary Principal*

VISION STATEMENT

To create an individualized educational pathway that inspires a passion for learning, cultivates a global awareness, and prepares students for a smooth transition into the workforce.

MISSION STATEMENT

Michigan International Prep School serves students and families first!

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CURRICULUM OVERVIEW

The courses below are separated out in two grade bands.

- High School - 9-12
- Middle School - 6-8

To graduate with a State of Michigan Diploma, students must meet the Michigan Graduation requirements which are outlined below.

ENGLISH (4.0 credits)
- English 9 (1.0 credit) - English 10 (1.0 credit) - English 11 (1.0 credit) - English 12 (1.0 credit)
SOCIAL STUDIES (3.0 credits)
- US History (1.0 credit) - World History (1.0 credit) - Government (0.5 credit) - Economics (0.5 credit)
MATH (4.0 credits)
- Algebra I (1.0 credit) - Geometry (1.0 credit) - Algebra II (1.0 credit) - Senior Math Elective (1.0 credit)
SCIENCE (3.0 credits)
- Biology (1.0 credit) - Physical Science - OR - Physics & Chemistry (1.0 credit) - Science Elective (1.0 credit)
WORLD LANGUAGE* (2.0 credits)
- Student Choice of World Language (2.0 credits) *Must be the same World Language for both (2) credits *May elect to take 1.0 credit of World Language and 2.0 credits of VPAA

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*Alternative requirements for students placed in the Adult Learning program. Please contact the Director of Adult Learning for more information.

- Class of 2028 and beyond must earn 0.5 credit in Personal Finance as a graduation requirement. There are a few options on how to earn this 0.5 credit. You and your School Counselor will decide which one best fits your needs.

TOTAL CREDITS NEEDED TO GRADUATE: 20.0

Each semester course is worth 0.5 a credit, unless otherwise noted.

Specific information related to the number of courses required is included after each course heading, if applicable.

Decision on which classes to take will be made in conjunction with a student's Counselor following their Educational Development Plan (EDP) and the work they will do in the Xello program each year. Xello is designed to help students explore interests, possible careers, vocational programs, certifications, colleges, etc. as they plan for their future.

MIPS provides students with opportunities to take courses through Dual Enrollment with approved colleges and universities, participation in Early Middle College Programs, enrolling in Michigan Virtual courses, and engaging in work-based learning experiences. MIPS works with students and their families to plan the best pathway that aligns with the Michigan Merit Curriculum.

A guardian or student (if over 18) may request accommodations to the traditional MMC through what is known as a Personal Curriculum (PC). More information about PCs can be found here. If there are questions, please reach out to the Director of Curriculum and Instruction for more information.

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HS ENGLISH LANGUAGE ARTS

Four Credits of English Language Arts are required to graduate. If you would like an additional English based class as an elective, see the High School Electives section.

Course Title & Description	Total Credit
AP English	1
AP English Literature and Composition (EDM) This online course is designed to teach learners to become skilled readers and writers through the study, analysis, and evaluation of literature. The course will teach learners how to perform close readings of literature, as well as develop and strengthen their writing skills. Advanced English Literature & Composition follows the curricular requirements described in the AP English Course Description. Each unit of the course will address some aspect of writing and will provide representative samples of literary works. In some units, the learner will engage in greater in-depth analysis of a literary work, as the focus of the Advanced English Literature & Composition course is to provide both breadth and depth of coverage in the readings. Learners will deepen their understanding of the ways authors use language to bring meaning and entertainment to their readers. Learners will also consider the structure of a work as well as its themes and literary devices. Readings in this course will be active and extensive. The types of writing in the course are varied and include writing arguments, analysis, interpretations, evaluations, and even college application essays/letters. Writing is an essential part of this course, and the writing instruction will include elements of style as well as elements of precision and correctness. The writing students do in this course will reinforce and support the learner's reading.	
AP English Language and Composition (EDM), In this course students investigate rhetoric and its impact on culture through analysis of notable fiction and nonfiction texts, from pamphlets to speeches to personal essays. The equivalent of an introductory college-level survey class, this course prepares students for the AP exam and for further study in communications, creative writing, journalism, literature, and composition. Students explore a variety of textual forms, styles, and genres. By examining all texts through a rhetorical lens, students become skilled readers and analytical thinkers. Focusing specifically on language, purpose, and audience gives them a broad view of the effect of text and its cultural role. Students write expository and narrative texts to hone the effectiveness of their own use of language, and they develop varied, informed arguments through research. Throughout the course, students are evaluated with assessments specifically designed to prepare them for the content, form, and depth of the AP Exam.	

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AP English Language and Composition is recommended for 11th and 12th grade students. This course fulfills 11th grade requirements. This course has been authorized by the College Board® to use the AP designation.	
English 9**	1
English 9 (MIPS GC) In the first half of this course students will explore the concept of Bildungsroman (Coming of Age). Through discussions, writing assignments, and creative projects, they will delve into literature ranging from classic novels to modern young adult stories. By examining diverse perspectives on growing up, students will gain insights into the challenges and successes that come with it. The course will continue to work on developing core skills such as critical thinking, reading, writing, and speaking & listening. This course contains both asynchronous and synchronous lessons. Students will meet once a week, for approximately 50 minutes, to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics that are discussed in the live lesson. In the second half of this course students will continue to examine the concept of Bildungsroman (Coming of Age) and how their own stories have power. Through reflective writing exercises and creative projects, students will be encouraged to explore and articulate their own unique experiences and perspectives to gain insight about their journey towards self-discovery. The course will continue to work on developing core skills such as critical thinking, reading, writing, and speaking & listening. This course contains both asynchronous and synchronous lessons. Students will meet once a week, for approximately 50 minutes, to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics that are discussed in the live lesson.	
English 9 (EDG) This freshman-year English course invites students to explore diverse texts organized into thematic units. Students will engage in literary analysis and inferential evaluation of great texts, both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts including Homer's The Odyssey, Shakespeare's Romeo and Juliet, and Richard Connell's "The Most Dangerous Game." They will also study short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, Paul B. Janeczko, and Maya Angelou round out the course.	
English 9 CR (EDG) This freshman-year English course invites students to explore diverse texts organized into thematic units. Students will engage in literary analysis and inferential evaluation of great texts, both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts including Homer's The Odyssey, Shakespeare's Romeo and	

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Juliet, and Richard Connell's "The Most Dangerous Game." They will also study short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, Paul B. Janeczko, and Maya Angelou round out the course.	
English 9 (EDM) English/Language Arts is the study of language through the interpretation and analysis of texts. You will examine a collection of diverse, authentic texts and analyze the techniques used by their authors. You will then apply that learning to your own writing, drawing on a wide range of authorial techniques to support your own development as an author and thinker. In the first half of the course you will analyze techniques in poetry, fiction, and nonfiction texts to analyze thematic connections and inform your own writing and in-class discussions. In the second half you will build on analysis and writing skills as you explore drama, historical documents, speeches, and shorter fictional texts.	
English 9 Honors (EDM) Honors courses offer an enriched experience, providing students with the opportunity to engage in a higher level of academic exploration and critical thinking. These courses are designed for motivated and academically driven students who seek to deepen their understanding and expand their knowledge beyond the standard curriculum. Each honors course is structured similarly to its regular counterpart, covering the same foundational concepts and core topics. What sets honors courses apart is the inclusion of an honors activity which involves an immersive project that delves into the subject matter with greater depth and complexity.	
English 10**	**1**
English 10 (GC) In the first half of this course students will focus on the concept of culture and community, and how these influences shape identity and perspective. This course will help students become strong writers, readers, and critical thinkers so that they may take an active and thoughtful role in their communities. Students will make connections between culture and literature, develop writing, reading and speaking skills, and strengthen their vocabulary. This course contains both asynchronous and synchronous lessons. Students will meet once a week, for approximately 50 minutes, to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics that are discussed in the live lesson. In the second half of this course students will continue to focus on the concept of culture and community, with a deeper understanding of how these influences shape their identity and perspective. While students will continue to make connections between culture and literature, they will also further develop their writing, reading, and speaking skills through a deeper analysis of literature and research to better craft their own perspective. This course contains both asynchronous and synchronous lessons. Students will meet once a week, for approximately 50 minutes, to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics that are discussed in the live lesson.	
English 10 (EDG) Focused on application, this sophomore English course reinforces literary analysis and	

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twenty-first century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactives . Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures . As these units meld modeling and application, they also expand on training in media literacy, twenty-first century career skills, and the essentials of grammar and vocabulary . Under the guidance of the writing software, students also compose descriptive, persuasive, expository, literary analysis, research, narrative, and compare-contrast essays ."	
English 10 CR (EDG) Focused on application, this sophomore English course reinforces literary analysis and twenty-first century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactives . Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures . As these units meld modeling and application, they also expand on training in media literacy, twenty-first century career skills, and the essentials of grammar and vocabulary . Under the guidance of the writing software, students also compose descriptive, persuasive, expository, literary analysis, research, narrative, and compare-contrast essays ."	
English 10 (EDM) English/Language Arts is the study of language through the interpretation and analysis of texts. You will use the techniques you discover in authentic texts to improve your own skills as an author. In the first half of the course you will closely read classic, modern, and world literature to explore themes, literary elements, and word choice. By reading a variety of informational texts, you will analyze the development of central ideas through the structure and vocabulary. Throughout the course you will compose your own texts and brief analyses to demonstrate your learning. In the second half of the course you will closely read classic, modern, and world literature to explore themes through characterization and the structure of literary texts, including Shakespeare. You will closely read seminal documents to understand how authors develop an effective argument. In the culminating unit, you will use all the skills you have learned in this course to write your own research paper from texts you select.	
English 10 Honors (EDM) Honors courses offer an enriched experience, providing students with the opportunity to engage in a higher level of academic exploration and critical thinking. These courses are designed for motivated and academically driven students who seek to deepen their understanding and expand their knowledge beyond the standard curriculum. Each honors course is structured similarly to its regular counterpart, covering the same foundational concepts and core topics. What sets honors courses apart is the inclusion of an honors activity which involves an immersive project that delves into the subject matter with greater depth and complexity.	
English 11**	1
English 11 (EDG) This junior-year English course invites students to delve into American literature from early Indigenous voices through contemporary works . Students engage in literary analysis and inferential evaluation of great texts as the centerpieces of this course . While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary analysis strategies . Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and	

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produce creative, coherent writing . Students read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F . Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.	
English 11 CR (EDG) This junior-year English course invites students to delve into American literature from early Indigenous voices through contemporary works . Students engage in literary analysis and inferential evaluation of great texts as the centerpieces of this course . While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary analysis strategies . Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing . Students read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F . Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.	
English 11 (EDM) English/Language Arts is the study of the creation and analysis of literature written in the English language. In this course you will study a variety of techniques to improve your reading comprehension and writing skills. The instruction covers many types of writing: creative, descriptive, expository, narrative, and persuasive. In this course, you will read and analyze different genres in literature with an emphasis on American literary movements over time. You will also complete writing activities to evaluate literary works with regards to literary techniques, form, and theme.	
English 11 Honors (EDM) Honors courses offer an enriched experience, providing students with the opportunity to engage in a higher level of academic exploration and critical thinking. These courses are designed for motivated and academically driven students who seek to deepen their understanding and expand their knowledge beyond the standard curriculum. Each honors course is structured similarly to its regular counterpart, covering the same foundational concepts and core topics. What sets honors courses apart is the inclusion of an honors activity which involves an immersive project that delves into the subject matter with greater depth and complexity.	
English 12**	1
English 12 (EDG) This senior-level English course offers fascinating insight into British literary traditions spanning from Anglo-Saxon writing to the modern period . With interactive introductions and historical contexts, this full-year course connects philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors, including Chaucer, William Shakespeare, Queen Elizabeth I, Elizabeth Barrett Browning, and Virginia Woolf. Adding an extra dimension to the British literary experience, this course also exposes students to world literature, including works from India, Europe, China, and Spain.	

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English 12 CR (EDG) This senior-level English course offers fascinating insight into British literary traditions spanning from Anglo-Saxon writing to the modern period . With interactive introductions and historical contexts, this full-year course connects philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors, including Chaucer, William Shakespeare, Queen Elizabeth I, Elizabeth Barrett Browning, and Virginia Woolf. Adding an extra dimension to the British literary experience, this course also exposes students to world literature, including works from India, Europe, China, and Spain.
English 12 (EDM) English/Language Arts is the study of the creation and analysis of literature written in the English language. In this course you will explore the relation between British history and literature from the Anglo-Saxon period through the neoclassical era, including the works of Shakespeare. You will read and analyze a variety of literary works from this time period by using relevant cultural and political history presented in each lesson. In this course, you will also study a variety of techniques to improve your reading comprehension, writing skills, and grammar and mechanics. The instruction covers many types of writing: creative, descriptive, expository, narrative, and persuasive. In addition, you will complete writing activities using your analytical and persuasive skills.
English 12 Honors (EDM) Honors courses offer an enriched experience, providing students with the opportunity to engage in a higher level of academic exploration and critical thinking. These courses are designed for motivated and academically driven students who seek to deepen their understanding and expand their knowledge beyond the standard curriculum. Each honors course is structured similarly to its regular counterpart, covering the same foundational concepts and core topics. What sets honors courses apart is the inclusion of an honors activity which involves an immersive project that delves into the subject matter with greater depth and complexity.

HS MATHEMATICS

Four credits of mathematics are required to graduate. Every student must have a mathematics experience their senior year even if they complete four credits by the end of their junior year.

- Students must have Algebra I, Geometry, and Algebra II plus one more mathematics elective credit
- Personal curriculum options are available for Algebra II.
- Any of the other math classes listed in this section will count for the fourth math class.
- Class of 2028 and beyond must take Personal Finance (0.5 Credit) which can be taken as a Mathematics credit or a Social Studies (0.5 Credit)

Course Title & Description	Total Credit

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Algebra I**	1
Algebra I (MIPS GC) In the first half of this course students will learn four major concepts: representing relationships, linear equations, linear inequalities, and solving equations. Students will develop fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented in a table, graph, and an equation. This course contains both asynchronous and synchronous lessons. Students will meet once a week, for approximately 50 minutes, to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics that are discussed in the live lesson. In the second half of this course students will learn five major concepts: systems of equations, exponential equations, polynomial expressions, quadratic equations, and data analysis. Students will develop fluency in writing and solving a variety of equations and expressions. Students will interpret, analyze, compare, and contrast multiple functions that are represented in a table, graph, and algebraic equation. This course contains both asynchronous and synchronous lessons. Students will meet once a week, for approximately 50 minutes, to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics that are discussed in the live lesson.	
Algebra I (GCA) Students will learn the foundations of algebra. Five major concepts will be covered: representing relationships, linear functions, linear equations and inequalities, systems of equations and inequalities, and aspects of other unique functions. This course contains both asynchronous and synchronous lessons. Students will meet once a week, for approximately 50 minutes, to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics discussed in the live lesson.	
Algebra I CR (GC) In Algebra CR part I, students will learn the foundations of algebra. Five major concepts will be covered: representing relationships, linear functions, linear equations and inequalities, systems of equations and inequalities, and aspects of other unique functions. This course contains both asynchronous and synchronous lessons. Students will meet once a week, for approximately 50 minutes, to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics discussed in the live lesson. In Algebra CR part II, students will learn the foundations of algebra. Five major concepts will be covered: Exponents and Exponential Functions, Polynomial Expressions and Factoring, Quadratic Functions and Equations, Data Analysis and Probability, as well as Radicals and Rationals. This course contains both asynchronous and synchronous lessons. Students will meet once a week, for approximately 50 minutes, to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics discussed in the live lesson.	
Algebra I (EDG) # This full-year course focuses on five critical areas: relationships between quantities and	

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reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions, and developing fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. Quantitative reasoning is a common thread throughout the course as students learn how they can use algebra to represent quantities and the relationships among those quantities in a variety of ways. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically.	
Algebra I CR (EDG) This full-year course focuses on five critical areas: relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions, and developing fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. Quantitative reasoning is a common thread throughout the course as students learn how they can use algebra to represent quantities and the relationships among those quantities in a variety of ways. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically.	
Algebra I (EDM) # The first half of this course is designed to build, develop, and periodically assess your subject-matter knowledge while strengthening your mathematical skills. Linear relationships are a main focus. You will graph, create, and solve linear equations and apply function notation to describe linear relationships. You will also study linear transformations and represent linear data using scatter plots and mathematical models. You will write and solve systems of linear equations and inequalities. You will represent, compare, and analyze datasets in a variety of contexts. In the second half of this course the major topics of this semester are quadratic and exponential relationships. You will learn to perform operations on polynomials and factor them. You will examine quadratic relationships in detail by writing and graphing quadratic equations. You will also model real-world situations with quadratic functions and solve quadratic equations using a variety of methods. You will investigate exponential relationships and apply exponential models to describe and make predictions about real-world situations. You will solve linear-quadratic and linear-exponential functions. At the end of the semester, you will compare different function types graphically and algebraically.	
Algebra I Honors (EDM) # Honors courses offer an enriched experience, providing students with the opportunity to engage in a higher level of academic exploration and critical thinking. These courses are designed for motivated and academically driven students who seek to deepen their understanding and expand their knowledge beyond the standard curriculum.	
Algebra II**	1

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Algebra II (EDG) This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data . The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions . Students make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems . As students refine and expand their algebraic skills, they will draw analogies among the operations and field properties of real numbers and those of complex numbers and algebraic expressions . Mathematical practices and habits of mind are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically.

Algebra II CR (EDG) This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data . The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions . Students make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems . As students refine and expand their algebraic skills, they will draw analogies among the operations and field properties of real numbers and those of complex numbers and algebraic expressions . Mathematical practices and habits of mind are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically.

Algebra II (EDM) The first half of this course begins with you building a solid foundation for the course by focusing on understanding how expressions and functions can model relationships. The course has a concentrated focus on polynomial, radical, and rational functions, so you will expand your arithmetic skills to include polynomial, radical, and rational expressions and equations. You will analyze the key features with tables, graphs, and equations when they are in function form. With consistent application of these functions throughout the duration of the course, you will understand how they can model relationships and solve real-world problems, often utilizing technology.

The second half of this course begins with you studying exponential and logarithmic equations and functions, discovering relationships and ways these function types can model real-world situations. Expanding on your knowledge of functions, you will study how arithmetic and geometric sequences can be used to solve problems. You will also learn about piecewise functions and their key features, and closely compare the key features of different function types. This course includes lessons that focus on trigonometric functions and their features, emphasizing transformations and modeling phenomena. Finally, you will build your understanding of the key concepts of statistics and probability to investigate sampling techniques and make inferences from data.

Algebra II Honors (EDM) The first half of this course begins with you building a solid foundation for the course by focusing on understanding how expressions and functions can model relationships. The course has a concentrated focus on polynomial, radical, and rational functions, so you will expand your arithmetic skills to include polynomial, radical, and rational expressions and equations. You will analyze the key features with tables, graphs, and equations when they are in function form. With consistent application of these functions throughout the duration of the course, you will understand how they can model relationships and solve real-world problems, often utilizing technology.

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You will begin the second half of this course by studying exponential and logarithmic equations and functions, discovering relationships and ways these function types can model real-world situations. Expanding on your knowledge of functions, you will study how arithmetic and geometric sequences can be used to solve problems. You will also learn about piecewise functions and their key features, and closely compare the key features of different function types. This course includes lessons that focus on trigonometric functions and their features, emphasizing transformations and modeling phenomena. Finally, you will build your understanding of the key concepts of statistics and probability to investigate sampling techniques and make inferences from data.	
Calculus	1
AP Calculus (EDM) Calculus is the mathematics of change. It is used to solve complex problems that are continuously evolving and would otherwise be unsolvable with only algebra and geometry. This online advanced placement course is designed to prepare students to become deep mathematical thinkers. You will explore the calculus concepts of limits, differentiation, and integration and apply those concepts in meaningful ways. The course is split into two semesters. The first semester focuses on the concepts of functions, limits, and differentiation and their applications. The second semester builds off the first semester to focus on integrations. It will cover topics such as the definite and indefinite integral and their applications, inverse function, and techniques for integrating.	
Calculus (EDM) Calculus is the mathematics of change. It is used to solve complex problems that are continuously evolving and would otherwise be unsolvable with only algebra and geometry. This online advanced placement course is designed to prepare students to become deep mathematical thinkers. They will explore the calculus concepts of limits, differentiation, and integration and apply those concepts in meaningful ways. The course is split into two semesters. The first semester focuses on the concepts of functions, limits, and differentiation and their applications. The second semester builds off the first semester to focus on integrations. It will cover topics such as the definite and indefinite integral and their applications, inverse function, and techniques for integrating.	
Concepts in Probability & Statistics	1
Concepts in Probability & Statistics (EDG) This full-year high school course provides an alternative math credit for students who may not wish to pursue more advanced mathematics courses such as Algebra II and Pre-Calculus. The first half of the course begins with an in-depth study of probability and an exploration of sampling and comparing populations and closes with units on data distributions and data analysis. In the second half of the course, students create and analyze scatterplots and study two-way tables and normal distributions. Finally, students apply probability to topics such as conditional probability, combinations and permutations, and sets.	
Consumer Math	.5

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Consumer Math (EDM) In this course, you will learn practical applications of math. You will learn how to plan a budget, manage bank accounts, and figure the cost of a good or service. You will also learn about taxes, payroll deductions, and how to invest and borrow money. This course will help you make informed decisions about buying or renting a home or car and teach you how to protect your purchases and investments with insurance. Finally, you will study economics, or the science of the creation, distribution, and consumption of goods and services. You'll see how economics affects you as an individual and how it affects the country as a whole.

Financial Math	1

Financial Math (EDG) Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.

Financial Math (EDM) The first half of this course is designed to introduce you to the basics of financial algebra. It includes lessons that focus on planning for expenses and developing financial goals. You'll learn to use algebraic expressions that model growth that's due to interest. You'll also describe investments in terms of their cost, risks, and returns.

The second half of this course is designed to provide insight into some advanced concepts of financial algebra.You will learn how businesses achieve profits through proper financial planning. You'll examine the benefits and consequences of using credit cards and taking out loans. You'll also describe the procedures for filing taxes and identify taxes levied on various investments.

Geometry**	**1**

Geometry (GC) In the first half of this course, students will make important connections between geometry and algebra by studying essential triangle concepts, including congruence and similarity. Mathematical reasoning is introduced with the study and exposure to formal proofs and geometric constructions. Students will justify and solve angle measures using the properties and theorems for triangles, and parallel and perpendicular lines. This course contains both asynchronous and synchronous lessons. Students will meet once a week, for approximately 50 minutes, to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics discussed in the live lesson.

In the second half of this course, students will extend their understanding and make important connections between geometry and algebra by studying special right triangles, right-triangle trigonometry, and the laws of

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sines and cosines. Mathematical reasoning is introduced as students justify and derive various formulas for the circumference, area, and volume of two-dimensional and three-dimensional shapes. The course closes with an in-depth investigation of the geometry of circles. This course contains both asynchronous and synchronous lessons. Students will meet once a week, for approximately 50 minutes, to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics discussed in the live lesson.

Geometry (EDG) This course formalizes what students learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruency, including exposure to formal proofs and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometry of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis.

Geometry CR (EDG) This course formalizes what students learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruency, including exposure to formal proofs and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometry of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis.

Geometry (EDM) Geometry is a branch of mathematics that uses logic and formal thinking to establish relationships among points, lines, angles, plane figures, and solids, and to define their properties. In the first half of this course you will explore foundations of geometry, coordinate geometry, and rigid and non-rigid transformations of figures in the coordinate plane, using them to establish congruence and similarity of polygons. You will investigate and prove theorems about lines, angles, triangles, parallelograms, and other polygons and build geometric constructions using both basic tools and technology.

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In the second half of this course you will explore right triangles, trigonometry, and properties of circles and apply geometric concepts to probability. You will also investigate and measure surface area and volume of geometric solids, applying what you learn to model and solve real-world problems.	
Geometry Honors (EDM) Geometry is a branch of mathematics that uses logic and formal thinking to establish relationships among points, lines, angles, plane figures, and solids, and to define their properties. In the first half of this course you will explore foundations of geometry, coordinate geometry, and rigid and non-rigid transformations of figures in the coordinate plane, using them to establish congruence and similarity of polygons. You will investigate and prove theorems about lines, angles, triangles, parallelograms, and other polygons and build geometric constructions using both basic tools and technology. In the second half of this course you will explore right triangles, trigonometry, and properties of circles and apply geometric concepts to probability. You will also investigate and measure surface area and volume of geometric solids, applying what you learn to model and solve real-world problems.	
Math Models	1
Math Models A & B (EDG) Broadening and extending the mathematical knowledge and skills acquired in Algebra I, the primary purpose is to use mathematics as a tool to model real-world phenomena students may encounter daily, such as finance and exponential models. Engaging lessons cover financial topics, including growth, smart money, saving, and installment loan models. Providing timely and highly useful content, this two-semester course is a must-have for any high school student. Prior mathematical knowledge is expanded and new knowledge and techniques are developed through real-world application of useful mathematical concepts.	
Mathematics	1
Mathematics I (EDM) The first half of this course is designed to present mathematics as a coherent, useful, and logical subject that makes use of problem-solving skills. Linear relationships are a main focus of this course. You will graph, create, and solve linear equations and apply function notation to describe linear relationships. You will also explore foundations of geometry and coordinate geometry. You will investigate and prove theorems about lines, angles, triangles, parallelograms, and other polygons and build geometric constructions using both basic tools and technology. The second half of this course is designed to deepen and extend your understanding of linear relationships. You will begin by writing and solving systems of linear equations and inequalities. You will investigate exponential relationships, compare these to linear relationships, and solve equations with linear and exponential expressions. You will represent, compare, and analyze data sets in a variety of contexts. At the	

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end of this course, you will explore rigid and non-rigid transformations of figures in the coordinate plane and use them to establish congruence of polygons.
Mathematics II (EDM) The first half of the course is designed to present mathematics as a coherent, useful, and logical subject that makes use of problem-solving skills. The focus is on quadratic expressions, equations, and functions. You will compare their characteristics and behavior to those of linear and exponential relationships and solve quadratic equations that have real and complex solutions. Finally, you will investigate and prove theorems about lines, angles, and triangles. The second half of the course is designed to explore nonrigid transformations of figures in the coordinate plane and use them to establish similarity of polygons. You will explore right triangles, trigonometry, and properties of circles. Finally, you will explore probability and counting methods, including their use in making and evaluating decisions.
Mathematics III (EDM) In the first half of this course you will begin by focusing on how expressions and functions can model relationships. The course has a concentrated focus on polynomial, radical, and rational functions, so you will expand your arithmetic skills to include polynomial, radical, and rational expressions and equations. You will analyze their key features with tables, graphs, and equations when they are in function form. You will also investigate and measure surface area and volume of geometric solids, applying what you discover to model and solve real-world problems. In the second half of this course you will study exponential and logarithmic equations and functions, discovering relationships between them and ways you can use these function types to model real-world situations. Expanding on your knowledge of functions, you will study how you can use arithmetic and geometric sequences to solve problems. You will also explore piecewise and trigonometric functions and their key features and closely compare the key features of all the different function types you have studied. Finally, you will build your understanding of the key concepts of statistics and probability to investigate sampling techniques and make inferences from data.

Pre Algebra	1
Pre-Algebra (EDG) This full-year course is designed for high school students who have completed a middle school mathematics sequence but are not yet algebra-ready. This course reviews key algebra readiness skills from the middle grades and introduces basic Algebra I work with appropriate support. Students revisit concepts in numbers and operations, expressions and equations, ratios and proportions, and basic functions. By the end of the course, students are ready to begin a more formal high school Algebra I study.	
Pre-Algebra CR (EDG) This full-year course is designed for high school students who have completed a middle school mathematics sequence but are not yet algebra-ready. This course reviews key algebra readiness skills from the middle grades and introduces basic Algebra I work with appropriate support. Students revisit concepts in numbers and operations, expressions and equations, ratios and proportions, and	

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basic functions. By the end of the course, students are ready to begin a more formal high school Algebra I study.	
Pre Calculus	1
Precalculus (EDM) Studying higher algebra and trigonometry leads to a better understanding of calculus. In the first half of this course you will explore and build your knowledge of inverse, trigonometric, and logarithmic functions; trigonometric identities; complex numbers; and vectors. You will also apply this knowledge to real-world situations. Precalculus encompasses the rudiments of calculus, analytical geometry, and trigonometry. In the second half of this course you will explore and build your knowledge of conic sections, matrices, sequences, induction, and probability and apply this knowledge to real-world situations. You will also study basic concepts of calculus, such as the limits of a function and area under the curve.	
Precalculus Honors (EDM) Studying higher algebra and trigonometry leads to a better understanding of calculus. In the first half of this course you will explore and build your knowledge of inverse, trigonometric, and logarithmic functions; trigonometric identities; complex numbers; and vectors. You will also apply this knowledge to real-world situations. Precalculus encompasses the rudiments of calculus, analytical geometry, and trigonometry. In the second half of this course you will explore and build your knowledge of conic sections, matrices, sequences, induction, and probability and apply this knowledge to real-world situations. You will also study basic concepts of calculus, such as the limits of a function and area under the curve. This course includes 4 Honors Extension Activities and 2 Honors Final Assessments, one at the end of the first half of the year and one at the end of the second half of the year.	
Probability & Statistics	.5
Probability & Statistics (EDM) Probability and Statistics is a mathematics course that teaches two related, but distinguishable disciplines. Probability is the study of the likelihood that an event will occur. In statistics, you will practice the science of collecting and analyzing numerical data in order to make decisions. The study of statistics upholds that of probability. In this course, you will represent and interpret data using dot plots, histograms, box plots, two-way frequency tables, and scatter plots. You will study normal distributions and distinguish between correlation and causation. You will also determine the conditional probability of two events or whether the events are independent. Using counting techniques and the rules of probability, you will calculate probabilities and use the results to make educated and fair decisions. You will evaluate several data collection techniques and statistical models, including simulations. The course closes with information on how you can use probability models to represent situations arising in everyday life that involve both payoff and risk.	

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AP Statistics A & B AP Statistics gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They will learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. The next time they hear the results of a poll or study, they will know whether the results are valid. As the art of drawing conclusions from imperfect data and the science of real-world uncertainties, statistics plays an important role in many fields. The equivalent of an introductory college-level course, AP Statistics prepares students for the AP exam and for further study in science, sociology, medicine, engineering, political science, geography, and business.

HS SCIENCE

- 3 years of science are required to graduate.
- Students are required to take the following:
  - Biology (1.0 credit)
  - Physical Science - OR - Physics & Chemistry (1.0 credit)
  - Science Elective (1.0 credit)

When you meet with your counselor about the options above, you will learn of the various pathways you can take in science.

Course Title & Description	Total Credit
Anatomy	.5
Anatomy & Physiology A & B (EDG) In this course, students will embark on an exploration of the human body, from its tiniest components to its major organ systems. The curriculum involves investigating the organization and function of the integumentary, skeletal, muscular, nervous, and endocrine systems, gaining insight into common conditions. Students will also learn fundamental medical terminology and develop practical laboratory skills while discovering diverse career opportunities in medicine. Building on this foundation, the course delves into the lymphatic, immune, respiratory, digestive, urinary, and endocrine systems, understanding their structure, function, and connections. The curriculum also explores the reproductive system, including heredity and genetics. Throughout the course, students will recognize the significance of precise patient documentation and the technology shaping the healthcare field. Prepare to uncover the wonders of human anatomy and physiology!	
Anatomy (EDM) In this course you will explore the anatomy and structure of the human body. This course takes a systemic approach to anatomy. You will study each body part according to its body system and function. The main systems of study include integumentary, skeletal, muscular, circulatory, nervous,	

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respiratory, digestive, urinary, reproductive, endocrine and lymphatic systems. In addition to identifying the main anatomical features of the body, you will learn anatomical terminology and the structure of cells and tissues within the body. ***Generally this course is combined with physiology.***	
Physiology (EDM) In this course, students will examine the functions of the body's biological systems--including skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and reproductive systems. In addition to understanding the function of each system, students will learn the function of cells, blood, and sensory organs, as well as study DNA, immunity, and metabolic systems. ***Generally this course is taken after anatomy.***	
Biology**	1
Biology (GC) In the first half of this course students will be introduced to the scientific study of living organisms. Through investigation, virtual labs, differentiation, and identification, students will gain knowledge of the following biological concepts: Scientific Procedure, Nomenclature, Cell Structure and Growth, DNA/ Chromosome Structure, and Genetic Mutations. This course contains both asynchronous and synchronous lessons. Students will meet once a week for approximately 50 minutes to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics that are discussed in the live lesson. In the second half of this course students continue to gain knowledge and skills through investigation, virtual labs, differentiation, and identification of the following biological concepts: homeostasis within living organisms, Cellular Respiration, Photosynthesis, Evolution, and Ecology. The second half of this course also contains both asynchronous and synchronous lessons. Students will continue to meet once a week for approximately 50 minutes to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics that are discussed in the live lesson.	
Biology (EDG) This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a yearlong course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology. This course includes both hands-on wet labs and virtual lab options.	
Biology CR (EDG) This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a yearlong course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology. This course includes both hands-on wet labs and virtual lab options.	

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Biology With Virtual Labs (EDM) The first half of this course is designed to strengthen your knowledge of basic biology. The first unit provides an introduction to biology and biochemistry. It focuses on the roles of and differences between plant and animal cells. In the second unit, you'll learn about the functions of different organ systems. The third unit covers cell division and the role of DNA and chromosomes in passing traits from parents to offspring. You will also have the option to learn more about biology through augmented reality and the use of the Edmentum AR Biology app on your mobile device. The second half of this course begins with a unit that focuses on the classification, characteristics and biological processes of living organisms. In the second unit, you'll study evolutionary mechanisms and the impact of environmental factors on species over time. The third unit focuses on the conservation of energy as it relates to living things and different ecosystems. In the last unit, you'll explore how different ecosystems are interdependent. You will also have the option to learn more about biology through augmented reality and the use of the Edmentum AR Biology app on your mobile device.	
Biology With Virtual Labs Honors (EDM) The first half of this course is designed to strengthen your knowledge of basic biology. The first unit provides an introduction to biology and biochemistry. It focuses on the roles of and differences between plant and animal cells. In the second unit, you'll learn about the functions of different organ systems. The third unit covers cell division and the role of DNA and chromosomes in passing traits from parents to offspring. You will also have the option to learn more about biology through augmented reality and the use of the Edmentum AR Biology app on your mobile device. The second half of this course begins with a unit that focuses on the classification, characteristics and biological processes of living organisms. In the second unit, you'll study evolutionary mechanisms and the impact of environmental factors on species over time. The third unit focuses on the conservation of energy as it relates to living things and different ecosystems. In the last unit, you'll explore how different ecosystems are interdependent. You will also have the option to learn more about biology through augmented reality and the use of the Edmentum AR Biology app on your mobile device. This course includes 4 Honors Extension Activities and 2 Honors Final Assessments, one at the end of the first half of the year and one at the end of the second half of the year.	
AP Biology (EDM) In this blended online course (employing both online and face-to-face learning), students will be taught and encouraged to continually pose questions about the subject matter. Through exploration and discovery of the phenomenon at the core of each lesson, students will be guided to answer their own questions and be able to discuss the phenomenon in ways that reflect sound scientific practices. Biology is presented as a living process, one that carries a body of current understandings and a method of building on those understandings to either deepen them or replace them with better explanations. In particular, the course will explore these eight themes identified as the focus for AP-level Biology instruction: Science as a Process; Evolution; Energy Transfer; Continuity and Change; Relationship of Structure to Function; Regulation; Interdependence in Nature; Science, Technology, and Society.	
Chemistry	**1**

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Chemistry (EDG) This rigorous, full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes eighteen virtual laboratory experiments that encourage higher-order thinking applications, with wet lab options if preferred. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.

Chemistry CR (EDG) This rigorous, full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes eighteen virtual laboratory experiments that encourage higher-order thinking applications, with wet lab options if preferred. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.

Chemistry (EDM) Chemistry is the study of matter and how it changes. This course looks at matter's composition, properties, and transformations. In the first half of this course, you'll explore the structure and properties of matter. You'll analyze and construct the periodic table of elements. You'll compare elements based on their atomic structures and relative positions in the periodic table. You will also discuss the chemical bonding taking place in ionic and covalent compounds and metals. Finally, you'll predict the outcome of chemical reactions based on the reactants involved.

In the second half of the course you will calculate the theoretical quantities of substances involved in a chemical reaction through the study of stoichiometry. You'll analyze chemical reactions that involve aqueous solutions, acids and bases, and gases. You'll see how gases respond to changes in pressure, volume, temperature, and quantity through the ideal gas law. You'll also calculate changes in temperature caused by physical and chemical processes and analyze reactions in terms of bond energies. Finally, you will understand how atoms are changed by the unique processes of radioactive decay, nuclear fusion, and nuclear fission.

Chemistry Honors (EDM) Chemistry is the study of matter and how it changes. This course looks at matter's composition, properties, and transformations. In the first half of this course, you'll explore the structure and properties of matter. You'll analyze and construct the periodic table of elements. You'll compare elements based on their atomic structures and relative positions in the periodic table. You will also discuss the chemical bonding taking place in ionic and covalent compounds and metals. Finally, you'll predict the outcome of chemical reactions based on the reactants involved.

In the second half of the course you will calculate the theoretical quantities of substances involved in a chemical reaction through the study of stoichiometry. You'll analyze chemical reactions that involve aqueous

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solutions, acids and bases, and gases. You'll see how gases respond to changes in pressure, volume, temperature, and quantity through the ideal gas law. You'll also calculate changes in temperature caused by physical and chemical processes and analyze reactions in terms of bond energies. Finally, you will understand how atoms are changed by the unique processes of radioactive decay, nuclear fusion, and nuclear fission.

This course includes 4 Honors Extension Activities and 2 Honors Final Assessments, one at the end of the first half of the year and one at the end of the second half of the year.

AP Chemistry (EDM) The AP Chemistry course is designed around the AP Chemistry Curriculum Framework established by the College Board. The course is presented through the lens of scientific inquiry—the process of channeling human curiosity into purposeful exploration, discovery, and application of observable natural phenomena. In this course, students will grow to understand their physical world in a deep way. At the same time, an inquiry and STEM-oriented approach to chemistry offers students a shared method of asking questions about the world around them. Their experience and knowledge from this course—tied to a strong emphasis on qualitative and quantitative analysis and communication—is designed to enable them to understand important scientific and societal problems and to creatively grapple with such problems. In this blended online course (employing both online and face-to-face learning), students will be taught and encouraged to continually pose questions about the subject matter. Through exploration and discovery of the phenomenon at the core of each lesson, students will be guided to answer their own questions and will be able to discuss the phenomenon in ways that reflect sound scientific practices.

Earth and Space Science	.5 to 1

Earth and Space Science (EDG) Earth and space science is the study of the structure of our planet and Earth's role in the solar system and universe. This branch of science relies on observations, historical data, and physical evidence to describe the natural processes that occur around us and in distant space. The first half of this course begins with a discussion of the methods and tools that scientists use to study Earth and space science, including the scientific method, modeling, and mathematics. You'll look at theories for how the planets, solar system, and universe formed and explain the interactions between the Sun, Earth, and Moon. You'll also learn about the emergence of Earth's materials, atmosphere, and first lifeforms, as well as the dating methods that help us piece together Earth's unique history.

In the second half of this course you will compare the composition of rocks and minerals and analyze the processes involved in the rock cycle. You'll explore the tectonic mechanisms that lead to some of Earth's most prominent geological features. Next, you'll study important interactions between the hydrosphere and atmosphere and the role they play in weathering and erosion. You'll also differentiate between weather and climate and make evidence-based predictions about both using data and modeling. The last unit in this course highlights the negative effects that humans can have on the natural cycles of Earth, as well as effective measures we can take to protect our planet.

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Environmental Science	1

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Environmental Science (EDG) Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many aspects of the field: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy . Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the semester.
Environmental Science (EDM) In the first half of this course you will learn about the importance of environmental science as an interdisciplinary field. You will describe abiotic and biotic factors of an ecosystem. You will describe the importance of biodiversity for the survival of organisms and the importance of the food chain and the food web in the ecosystem. You will learn about ecological interactions and succession. You will describe the effects of climate change and different types of adaptation. Further, you will describe the steps of the water cycle, and how carbon, oxygen, nitrogen, and phosphorous cycle in the global environment. In the second half of this course you will learn about the factors that affect populations. You will describe human population growth and its implications. You will describe the factors that lead to unequal distribution of natural resources on Earth. You will explain waste management. You will describe different forms of pollution, and ways to control pollution. You will describe various nonrenewable and renewable energy sources. Further, you will learn about benefits of environmental policies and identify factors that affect sustainable development.
AP® Environmental Science (EDM) provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course draws upon various disciplines, including geology, biology, environmental studies, environmental science, chemistry, and geography in order to explore a variety of environmental topics. The equivalent of an introductory college-level science course, AP® Environmental Science prepares students for the AP® exam and for further study in science, health sciences, or engineering. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, deconstruct claims, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Frequent no- and low-stakes assessments allow students to measure their comprehension and improve their performance as they progress through each activity. Students also perform hands-on labs and projects that give them insight into the nature of science and help them understand environmental concepts, as well as how evidence can be obtained to support those concepts.

Integrated Physics & Chemistry	1
Integrated Physics and Chemistry (EDM) Chemistry is the study of how a set of substances with particular physical properties— like solid paper and the oxygen in the air—can react with each other to form different substances with entirely different properties—like gaseous water and carbon dioxide. In most cases, these	

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chemical changes result in an energy change as well, either giving off energy or absorbing energy. The development of new types of materials, new methods of producing or storing energy, or new methods of interacting with genetic material all depend upon knowledge of chemistry. Physics is one of the three main fields of science, along with biology and chemistry. Physics often seems like a grab bag of topics, including motion, magnets, machines, light, sound, and electrical circuits. The common thread running through all these things is that they each illustrate some very basic mathematical laws in our physical world. In brief, physics is the scientific study of matter, energy, and their most fundamental physical interactions, including attractions, repulsions, and collisions.

In the first half of the course, you will first learn about the “basics” of physics, since physics is actually the foundation of chemistry. In this course, you will learn how to describe and analyze motion, how forces interact with matter, and how to further describe these interactions with the aid of the concepts of energy and momentum. You will also learn about waves, electricity, and magnetism.

In the second half of this course you will begin your study of chemistry. This includes the atomic and molecular structures that result in different chemical properties and the concepts and tools that will enable you to predict chemical properties and chemical reactions. You will learn about key types of chemical relationships and reactions, including solutions and acid-base reactions. Finally, you will extend your knowledge into the areas of thermal and nuclear energy.

Introduction to Veterinary Science	.5

Introduction to Veterinary Science (EDM) This one-semester course is intended for you to familiarize yourself with the knowledge and skills required for a career in the veterinary industry. This course has 13 lessons organized into three units, plus three Unit Activities. Each lesson contains one or more Lesson Activities. In the Introduction to Veterinary Science course, you will explore the history of veterinary science, and the skills and requirements for a successful career in the veterinary industry. You will also explore the physiology and anatomy of animals, learn how to evaluate their health, and determine effective treatment for infectious and noninfectious diseases. Additionally, you will learn about zoonotic diseases, and the impact of toxins and poisons on animal health.

Introduction to Marine Biology	.5

Introduction to Marine Biology (EDM) This one-semester course is intended to help you familiarize yourself with the knowledge and skills required for a career in marine biology. This course has 15 lessons organized into four units. Each unit has a Unit Activity and each lesson contains one or more Lesson Activities. In the Introduction to Marine Biology course you will explore the fundamental concepts of marine biology. You will learn about the formation and characteristic features of the oceans. You will also learn about the scientific method and explore careers available in marine biology. The course will introduce you to the characteristic features of different taxonomic groups found in the ocean. You will learn about the different habitats, life forms, and ecosystems that exist in the oceans and explore the different types of adaptations marine creatures possess to survive in the ocean. You will learn about succession and the flow of energy in marine ecosystems. Finally, you will also learn about the

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Physical Science	1
Physical Science (GC) In the first half of this course students will be introduced to the scientific study of physics and chemistry concepts. Through investigation, virtual labs, differentiation, and identification, students will gain knowledge of the following scientific concepts: Properties of Matter, Chemical Reactions and Energy Transfer, Force, and Motion. This course contains both asynchronous and synchronous lessons. Students will meet once a week for approximately 50 minutes to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics that are discussed in the live lesson. In the second half of this course students will be introduced to the scientific study of physics and chemistry concepts. Through investigation, virtual labs, differentiation, and identification, students will gain knowledge of the following scientific concepts: Gravity, Electromagnetism, Potential and Kinetic Energy, and the Properties of Waves. This course contains both asynchronous and synchronous lessons. Students will meet once a week for approximately 50 minutes to learn and discuss new topics. Throughout the week, students will complete 3-4 asynchronous lessons relating to the topics that are discussed in the live lesson.	
Physical Science (EDG) This full-year course focuses on basic concepts in chemistry and physics and encourages exploration of new discoveries in the field of physical science . The course includes an overview of scientific principles and procedures and has students examine the chemical building blocks of our physical world and the composition of matter . Additionally, students explore the properties that affect motion, forces, and energy on Earth . Building on these concepts, the course covers the properties of electricity and magnetism and the effects of these phenomena . As students refine and expand their understanding of physical science, they will apply their knowledge to complete interactive virtual labs that require them to ask questions and create hypotheses . Hands-on wet lab options are also available .	
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Physical Science (EDM) Science is the study of the natural world. It relies on experimentation and evidence	

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to describe the natural events that occur around us. Physical science is the study of matter and energy. In Physical Science A, you'll describe the atomic and molecular structure of substances using models. You will investigate how chemical reactions involve energy and lead to changes in properties of substances. You'll also model different kinds of forces and the effect they have on the motion of objects. You'll solve problems involving work and power and apply these principles to simple machines. Finally, you will see how simple machines make up more complex machines that are important in our lives.	
Physics	1
Physics (EDG) This full-year course acquaints students with topics in classical and modern physics . The course emphasizes conceptual understanding of basic physics principles, including Newtonian mechanics, energy, thermodynamics, waves, electricity, magnetism, and nuclear and modern physics . Throughout the course, students solve mathematical problems, reason abstractly, and learn to think critically about the physical world . The course also includes interactive virtual labs and hands-on lab options, in which students ask questions and create hypotheses.	
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Physics (EDM) Physics is one of the three main fields of science, along with biology and chemistry. If asked what biology and chemistry deal with, most of us can come up with a one-word answer: life and chemicals respectively. Physics, though, often seems like a grab bag of topics, including motion, magnets, machines, light, sound, and electrical circuits. The common thread running through all these things is that they each illustrate some very basic mathematical laws in our physical world. In brief, physics is the scientific study of matter, energy, and their most fundamental physical interactions, including attractions, repulsions, and collisions. In the first half of this course, you will learn about the "basics" of physics: how to describe and analyze motion, how forces interact with matter, and how to further describe these interactions with the aid of the concepts of energy and momentum. Finally, you'll explore one more specialized topic, thermodynamics, the physics of heat. In the second half of this course, you will use your physical understanding of motion, forces and energy and apply that knowledge to some important, specialized topics in physics: the behavior of waves, applications of	

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wave theory to light and optics, the interaction of electrical and magnetic forces, and the special "non-Newtonian" properties of energy and matter described by quantum theory.
Physics Honors (EDM) Physics is one of the three main fields of science, along with biology and chemistry. If asked what biology and chemistry deal with, most of us can come up with a one-word answer: life and chemicals respectively. Physics, though, often seems like a grab bag of topics, including motion, magnets, machines, light, sound, and electrical circuits. The common thread running through all these things is that they each illustrate some very basic mathematical laws in our physical world. In brief, physics is the scientific study of matter, energy, and their most fundamental physical interactions, including attractions, repulsions, and collisions. In the first half of this course, you will learn about the "basics" of physics: how to describe and analyze motion, how forces interact with matter, and how to further describe these interactions with the aid of the concepts of energy and momentum. Finally, you'll explore one more specialized topic, thermodynamics, the physics of heat. In the second half of this course, you will use your physical understanding of motion, forces and energy and apply that knowledge to some important, specialized topics in physics: the behavior of waves, applications of wave theory to light and optics, the interaction of electrical and magnetic forces, and the special "non-Newtonian" properties of energy and matter described by quantum theory.This course includes 4 Honors Extension Activities and 2 Honors Final Assessments, one at the end of the first half of the year and one at the end of the second half of the year. This course includes 4 Honors Extension Activities and 2 Honors Final Assessments, one at the end of the first half of the year and one at the end of the second half of the year.

HS SOCIAL STUDIES

- Students are required to complete 3 credits of Social Studies as follows:
  - US History (1)
  - World History (1)
  - Government/Civics (.5)
  - Economics (.5)
- Class of 2028 and beyond must take Personal Finance (0.5 Credit) which can be taken as a Mathematics credit or a Social Studies (0.5 Credit)

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Course Title & Description	Total Credit
Economics**	.5-1
Economics & Personal Finance (EDG) This course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies . Throughout the course, students apply critical-thinking skills while making practical economic choices . Students also master literacy skills through rigorous reading and writing activities . Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples . In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats. This course fulfills the Michigan Merit Curriculum requirement for Economics (.5 credit) and Personal Finance (.5 credit).	
Economics & Personal Finance CR (EDG) This course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies . Throughout the course, students apply critical-thinking skills while making practical economic choices . Students also master literacy skills through rigorous reading and writing activities . Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples . In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats. This course fulfills the Michigan Merit Curriculum requirement for Economics (.5 credit) and Personal Finance (.5 credit).	
AP Microeconomics (EDM) AP® Microeconomics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP® Microeconomics prepares students for the AP® exam and for further study in business, history, and political science. (0.5 CR)	
AP Macroeconomics (EDM) AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to	

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develop performance measures and predictors of economic growth or decline. They'll also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP exam and for further study in business, political science and history. (0.5 CR)	
Economics (EDM) Economics is a social science that examines how goods and services are created, consumed, and exchanged. This course covers basic economic problems such as scarcity, choice, and effective use of resources. It also covers topics on a larger scale such as market structures and international trade. It particularly focuses on the US economy and analyzes the role of the government and the Federal Reserve System. (0.5 CR)	
US Government	1
US Government (EDG) This semester-long course provides students with a practical understanding of the principles and procedures of government . The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its amendments, students investigate the development and extension of civil rights and liberties . Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights . The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy changes . Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions . Students also sharpen their writing skills in shorter tasks and assignments and practice outlining and drafting skills by writing full informative and argumentative essays .	
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US Government (EDM) US Government is the study of the founding principles of democracy in the United States, the structures and details of how the government functions, and the role of the individual citizen in participating in that democracy. In US Government, you will learn about the principles and events that led to the founding of the United States in the eighteenth century; examine how the operations of the US government are spread among three branches of government and distributed between the national, state, and federal levels of government; explore the role of the individual citizen in the operations of the government; and, finally, apply these concepts to understanding the concrete areas of foreign, domestic, and economic policy. You'll explore timelines to gain an understanding of how events link to each other and to the structures of government that exist today, and you'll analyze historical documents for a firsthand sense of how government structures were designed. You'll also gather evidence from relevant documents and historical texts to develop credible explanations of how and why the government exists as it does. You'll then use that evidence to express viewpoints on the operations of government by writing essays and creating presentations about topics of relevance to modern US citizens.

US History**	1

U.S. History (GC) The first half of this course provides a comprehensive overview of roughly the first half of American History. This course is a survey course that covers major events, turning points, and teaches the students to use historical context to situate those events/turning points in the larger picture of American history. As students analyze each era of history they will use primary and secondary sources to understand the beliefs of the people of that era as well as how those people have been viewed since by those who study history. In early units, students will examine the life of those people living in North America prior to European exploration, the causes and effects of European exploration on those people indigenous to North America. Students will then analyze the trends that ushered in the era of European exploration to the point of developing a country (The United States) free from European rule. As we move through American history, students will learn about the foundations of the American government and the implementation of policies of the Republic, the response of the people, the government and other nations. Any look at the first half of American history would not be complete without an acknowledgment of the changing economic system and how that impacted different parts of the United States. We will also look at expansion of American ideals and territory, how that impacted those who lived on that land, what it meant for the development of the country, and the emergence and dominance of sectionalism. In later units we will examine the causes of the Civil War, how it was a long time in the making and threads that can be pulled to events prior to the creation of the United States. In the last unit we will discuss the reconstruction of the nation after the Civil War and look ahead to United States History B.

In the second half of this course students will analyze the shifting US Economy after the Civil War and its impact on the people, jobs, and roles of the United States in the world. Students will engage with materials that look to present the human condition in a growing world, the changes in daily life, and the evolution of

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the impact of the US government. From the early unit in US History B, students will then look at the Roaring 20s, the conditions that facilitated them and ultimately led to the Great Depression. World War II and the growing reach of American influence through the Cold War and its proxies introduce the students to the later half of the 20th century. US History B ends with the end of the Cold War and the impact that had on the people, the country, and the globe.

U.S. History II (EDG) This is a yearlong course that examines the major events and turning points of U .S . history from the Industrial Revolution through the modern age. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. History. As students progress through each era of modern U.S. History, they will study the impact of dynamic leadership and economic and political change on our country's rise to global prominence. Students will also examine the influence of social and political movements on societal change and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and among multiple perspectives.

U.S. History II CR(EDG) This is a yearlong course that examines the major events and turning points of U .S . history from the Industrial Revolution through the modern age. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. History. As students progress through each era of modern U.S. History, they will study the impact of dynamic leadership and economic and political change on our country's rise to global prominence. Students will also examine the influence of social and political movements on societal change and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and among multiple perspectives.

AP US History (EDM) This online course is designed to provide learners with the opportunity to think critically and to gain factual knowledge about US history. Students will learn to analyze and critique historical materials and evaluate historical interpretations presented in research. This course will help learners acquire the necessary skills to come to conclusions based on informed judgments and provide sound reasoning and evidence for those judgments.

Each of the units in the course provides students with a survey of US history topics in which they analyze problems and themes for each era through supplementary readings while developing and deepening their understanding of the events, people, and places that were relevant during the time period. Students will also learn to assess primary and secondary sources. This course is meant to have students think conceptually about the issues facing the United States and how those issues have influenced our history, rather than just memorizing facts and dates. Students will write often in this course in the form of both short answers and essays. These writings will require students to think critically and thoughtfully on different topics and on different interpretations of history. Students will encounter frequent prompts to analyze and interpret a wide variety of original source documents. In addition, students are asked to read the works of

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historians, to answer questions about how those historians present events, and to compare and analyze how the historians' approach affects readers' perceptions of the events and people involved (see especially "Nixon's 'Imperial' Presidency" in unit 7 taking during the second half of the year).
U.S. History (EDM) This US History course promotes the examination, analysis, and evaluation of important events in the history of the United States of America. In the first half of this course, you will examine events that shaped the birth, growth, and expansion of the nation from the late 1700s through the mid1900s. These events are told through multiple diverse perspectives and include a focus on primary and secondary sources. Throughout the course, you will use inquiry skills to examine, ask questions, and analyze the impacts of historical events and actions, and will discuss the outcomes of them with your peers. You will also form opinions about historical events and support your opinions with information from your reading. Not only will you investigate history, but you will also use critical thinking and analytical skills through Clarifying Big Ideas lessons in order to gain a deeper understanding of history. In the second half of this course you will examine events that impacted America—from the Cold War to the Civil Rights Movement through the War on Terror. These events are told through a variety of viewpoints and primary and secondary sources. Throughout the course, you will use inquiry to examine and analyze the impacts of events and actions. You will discuss the outcomes with your peers. You will also form opinions about events and support your opinions with facts that you learned.
U.S. History Honors (EDM) This US History course promotes the examination, analysis, and evaluation of important events in the history of the United States of America. In the first half of this course you will examine events that shaped the birth, growth, and expansion of the nation from the late 1700s through the mid1900s. These events are told through multiple diverse perspectives and include a focus on primary and secondary sources. Throughout the course, you will use inquiry skills to examine, ask questions, and analyze the impacts of historical events and actions, and will discuss the outcomes of them with your peers. You will also form opinions about historical events and support your opinions with information from your reading. Not only will you investigate history, but you will also use critical thinking and analytical skills through Clarifying Big Ideas lessons in order to gain a deeper understanding of history. In the second half of this course, you will examine events that impacted America—from the Cold War to the Civil Rights Movement through the War on Terror. These events are told through a variety of viewpoints and primary and secondary sources. Throughout the course, you will use inquiry to examine and analyze the impacts of events and actions. You will discuss the outcomes with your peers. You will also form opinions about events and support your opinions with facts that you learned. This course includes 4 Honors Extension Activities and 2 Honors Final Assessments, one at the end of the first half of the year and one at the end of the second half of the year.

Personal Finance**	.5

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Personal Finance (EDG) This introductory finance course teaches what it takes to understand the world of finance and make informed decisions about managing finances. Students learn more about economics and become more confident in setting and researching financial goals as they develop the core skills needed to be successful. In this one-semester course, students learn how to open bank accounts, invest money, apply for loans, apply for insurance, explore careers, manage business finances, make decisions about major purchases, and more. Students will be inspired by stories from finance professionals and individuals who have reached their financial goals.	
Personal and Family Finance (EDM) How do our personal financial habits affect our financial future? How can we make smart decisions with our money in the areas of saving, spending, and investing? This course introduces students to basic financial habits such as setting financial goals, budgeting, and creating financial plans. Students will learn more about topics such as taxation, financial institutions, credit, and money management. The course also addresses how occupations and educational choices can influence personal financial planning, and how individuals can protect themselves from identity theft.	
World History**	1
World History (GC) The first half of World History is a survey course of human history. We begin the year looking at what makes history relevant and how to apply that knowledge to the rest of the course. From there we look at pre-history and groups of people who were nomads. We trace their migration and settlement patterns as they move throughout the world. We go on to look at the establishment of civilizations through rule of law, human organization, and interactions. We cover people, groups, ideas, beliefs, and other aspects of human life and interactions throughout the world. This course will end with the Middle Ages which will set up the second half of this World History course. This second half of this course begins with the world emerging from the Dark Ages in Europe, capitalizing on the innovations of other areas, and looks outward for exploration. After discussing exploration, we move to imperialism, revolutions, and the interconnectedness of a global world that resulted from the shifting dynamics, ideologies, and demographics. This class will use primary and secondary sources to analyze trends, evaluate continuities and changes, as well as cause and effect and the role events in world history play in shaping our world today.	
Modern World History (EDG) This yearlong course examines the major events and turning points of world history from the Enlightenment to the present. Students investigate the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, and then explore the economic, political, and social revolutions that have transformed human history. This rigorous study of modern history examines recurring themes, such as social history, democratic government, and the relationship between history and the arts, allowing students to draw connections between the past and the present, across cultures, and among multiple perspectives. Students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of	

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historical evidence and to draw conclusions about historical events. Students also sharpen their writing skills in shorter tasks and assignments, and practice outlining and drafting skills by writing full informative and argumentative essays.

Modern World History CR (EDG) This yearlong course examines the major events and turning points of world history from the Enlightenment to the present. Students investigate the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, and then explore the economic, political, and social revolutions that have transformed human history. This rigorous study of modern history examines recurring themes, such as social history, democratic government, and the relationship between history and the arts, allowing students to draw connections between the past and the present, across cultures, and among multiple perspectives. Students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events. Students also sharpen their writing skills in shorter tasks and assignments, and practice outlining and drafting skills by writing full informative and argumentative essays.

World History (EDM) In the first half of this course you'll explore major historical events around the world. In the first unit, you'll develop your historical thinking skills. In the second unit, you'll examine the origins and developments of European exploration. In the third unit, you'll learn about the causes and effects of the Renaissance and the Reformation. In the fourth unit, you'll explore revolutions that occurred from 1789 to 1848, including the Scientific Revolution, the American Revolution, and the French Revolution. In the fifth unit, you'll explore the causes and effects of the Industrial Revolution, the spread of nationalism in Europe, and the Russian Revolution.

In the second half of this course you'll explore major historical events around the world. In the first unit, you'll analyze imperialism in the late nineteenth and early twentieth centuries and examine the causes and consequences of World War I. In the second unit, you'll study World War II, analyzing the factors that started the war and the impact of the war. In the third unit, you'll explore the rise and fall of communism in the Soviet Union and China and learn about the Cold War between the United States and the Soviet Union. In the fourth unit, you'll analyze the effects of decolonization in Southeast Asia and Africa. You'll also study the modernization of China and the rise of nationalism in the Middle East. In the last unit, you'll explore economic globalization and evaluate the benefits and challenges of living in the modern world.

World History Honors (EDM) In the first half of this course you'll explore major historical events around the world. In the first unit, you'll develop your historical thinking skills. In the second unit, you'll examine the origins and developments of European exploration. In the third unit, you'll learn about the causes and effects of the Renaissance and the Reformation. In the fourth unit, you'll explore revolutions that occurred from 1789 to 1848, including the Scientific Revolution, the American Revolution, and the French Revolution. In the fifth unit, you'll explore the causes and effects of the Industrial Revolution, the spread of nationalism in Europe, and the Russian Revolution.

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In the second half of this course you'll explore major historical events around the world. In the first unit, you'll analyze imperialism in the late nineteenth and early twentieth centuries and examine the causes and consequences of World War I. In the second unit, you'll study World War II, analyzing the factors that started the war and the impact of the war. In the third unit, you'll explore the rise and fall of communism in the Soviet Union and China and learn about the Cold War between the United States and the Soviet Union. In the fourth unit, you'll analyze the effects of decolonization in Southeast Asia and Africa. You'll also study the modernization of China and the rise of nationalism in the Middle East. In the last unit, you'll explore economic globalization and evaluate the benefits and challenges of living in the modern world.

This course includes 4 Honors Extension Activities and 2 Honors Final Assessments, one at the end of the first half of the year and one at the end of the second half of the year.

HS VISUAL & PERFORMING ARTS (VPAA)

- Students must have at least 1 credit from this category; Courses under the CTE heading also may count for your VPAA credit.
    - If a student is not completing two years of the same world language, then they must have 2 credits from this category
        - This only applies to students who are in 10th grade during the 2019-2020 school year.

Course Title & Description	Total Credit
Art History & Appreciation	1
Art History A & B (EDG) Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions . Students enrolled in this course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth- century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth-and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.	
Art History A & B (GC) Introducing art within historical, social, geographical, political, and religious contexts	

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for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions . Students enrolled in this course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth- century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth-and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.	
Art History & Appreciation (EDM) Art has played a significant role in every major civilization throughout the history of man. The emergence of different art forms often reflects the values that a civilization deems important: religion, labor, love, political change, or even commerce. Since artwork and cultural values are so closely related, studying art is a compelling way to learn about the people who produced it.	
Art in World Cultures	.5
Art in World Cultures (EDM) Who is the greatest artist of all time? Is it Leonardo daVinci? Claude Monet? Michelangelo? Pablo Picasso? Is the greatest artist of all time someone whose name has been lost to history? You will learn about some of the greatest artists while also creating art of your own, including digital art. We will explore the basic principles and elements of art, learn how to critique art, and examine some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art.	
HS Guitar	1
Guitar 1 (GC) This year-long course is for students with little to no experience in playing with a pick or reading music. All Guitar students will benefit from weekly one-on-one virtual Guitar lessons with an expert instructor. In addition to the required private lessons, Guitar students will also attend a weekly 45-minute Zoom Guitar class with other students at their level. Each week there will be a short instructional video to watch and lesson material to be practiced. Guitar students are expected to practice at least 15-20 minutes a day, 3-4 days each week to achieve progress and be prepared for their private lessons. Students in this course are required to have a 6-string guitar, either electric or acoustic; an electronic tuner; and a Pick. If needed, MIPS does rent student level guitars for a low monthly rate. **Can earn recurring credits.*	
Guitar 2 (GC) This year-long course is for students who can play using a pick, read Guitar music on all 6 strings in the First position, and can form basic chords. All Guitar 2 students will benefit from weekly one-on-one virtual Guitar lessons with an expert instructor. In addition to the required private lessons, Guitar 2 students will also attend a weekly 45-minute Zoom Guitar class with other students at their level. Each week there will be a short instructional video to watch and lesson material to be practiced. Guitar 2 students are expected to practice at least 15-20 minutes a day, 3-4 days each week to achieve progress and be prepared for their private lessons. Students in this course are required to have a 6-string guitar, either electric or acoustic; an electronic tuner; and a Pick. If needed, MIPS does rent student level guitars for a low monthly rate. Once registered, your MIPS Guitar instructor will help assign you to the appropriate level of study. **Can earn recurring credits.*	

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Advanced Guitar (GC) This course is for students that have successfully completed Guitar 1 and Guitar 2 and want to continue to advance their skills. Students in this advanced level course will proceed at their own pace with instructor guidance through a series of specifically chosen Guitar skills meant to further develop creativity, musicality, and technique. Advanced Guitar students will meet in as a group during a weekly Zoom Class as well as have required one-on-one private lessons with their expert instructor. **Can earn recurring credits.*	
HS Piano	1
Beginning Piano Levels 1-3 (GC) All piano students will benefit from one-on-one required weekly virtual piano lessons with an expert instructor. In addition to the private lessons, piano students will have a required weekly 30-minute Zoom class with students that are at the same level of piano study, and there will be a short instructional video to watch each week. Piano students are expected to practice at least 15 minutes a day 3-4 days each week in order to demonstrate progress and be prepared for private lessons. The Beginning Piano course offers 3 levels of study. Level One is for students with little to no experience. Level Two and Level Three are for students that typically have 1-2 years of piano training. Your MIPS Piano instructor will help assign you to the appropriate level of study. Students in this course are required to have a digital or acoustic piano with a minimum of 76 keys. MIPS does rent out 88-key digital pianos for a low monthly rate. **Can earn recurring credits.*	
Intermediate Piano (GC) All piano students will benefit from one-on-one required weekly virtual piano lessons with an expert instructor. In addition to the private lessons, piano students will have a required weekly 30-minute Zoom class with students that are at the same level of piano study, and there will be a short instructional video to watch each week. Intermediate level piano students are expected to practice at least 30 minutes a day 5 days each week in order to demonstrate progress and be prepared for private lessons. The Intermediate Piano course offers 3 levels of study. Level Four is for students with typically approximately 3 years of piano training. Level Five and Six are for students that have a strong ability and motivation to study piano and typically have 5-6 years of piano training. Your MIPS Piano instructor will help assign you to the appropriate level of study. Students in this course are required to have a digital or acoustic piano with 88 keys and touch sensitivity. MIPS does rent out 88-key digital pianos for a low monthly rate. **Can earn recurring credits.*	
Advanced Piano (GC) Advanced piano is a self paced course for accomplished student pianists with an aptitude for and an interest in studying advanced levels of piano repertoire, theory and technique. Students at this level typically have 8+ years of prior piano training. **Can earn recurring credits.*	
Vocal Techniques	1

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Vocal Techniques (GC) If you want to become a better singer then this course is for you! In this course you will benefit from required one-on-one private lessons with an expert instructor. In addition to the private lessons, voice students will have a weekly required interactive 60-minute Zoom class with other voice students, and there will be a short instructional video to watch each week with an assignment to go with it. Students that demonstrate good effort in this course are guaranteed to improve their understanding and skills as a singer. **Can earn recurring credits.*	
Cosmetology	.5
Cosmetology I: Cutting Edge Styles (EDM) Interested in a career in cosmetology? This course provides an introduction to the basics of cosmetology. Students will explore career options in the field of cosmetology, learn about the common equipment and technologies used by cosmetologists, and examine the skills and characteristics that make someone a good cosmetologist. Students will also learn more about some of the common techniques used in caring for hair, nails, and skin in salons, spas, and other cosmetology related businesses.	
Cosmetology II: The Business of Skin and Nail Care (EDM) This vibrant industry needs skilled and personable professionals well-versed in the latest trends and technological advances. Explore what the day-to-day life of a cosmetologist is like, and discover that cosmetology is much more than knowing and applying techniques. Learn skin care and facials, how to give manicures and pedicures, 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.	
Cosmetology III A & IIIB (EDM) Cosmetology is a specialized field with a high skill set. Examine the complexities of cosmetology by learning to perform a hair, scalp, and skin analysis. You'll learn about hair types, face shapes, and color theory. And, to effectively prepare you for a career in cosmetology, color techniques with an emphasis on salon and chemical safety is examined. (1 Credit)	
Culinary Arts	.5
Culinary Arts IA (EDM) Thinking of a career in the foodservice industry or looking to develop your culinary skills? In the first half of this course you will explore basic cooking and knife skills while preparing you for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts. Did you know that baking is considered a science? In the second half of this course you will Discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. Explore careers in the culinary arts for ways to channel your newfound passion!	

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Culinary Arts IB (EDM) Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, you'll build a strong foundation and grow your knowledge of this exciting industry. Explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. 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.	
Digital Art	1
Digital Art A & B (GC) This course provides an opportunity for students to expand on the digital art concepts introduced in Middle School Digital Art. Students are given more in depth projects to work on and will become more adept at utilizing software to create diverse graphic designs, animations, and illustrations . Students will create a portfolio of work that demonstrates their increasing skill and growth as an artist.	
Drafting & Design	1
Drafting & Design (EDM) This course is intended to help you familiarize yourself with various aspects of drafting and design. The first half of this course covers the fundamental concepts of drafting and design, types of drafting tools, drafting conventions, sketching and drawing techniques, types of views and projections, and basic computer-aided design and drafting (CADD) operations. The second half of this course covers design and development of a prototype, different types of drawings and views, advanced computer-aided design and drafting (CADD) operations, and key professional and personal skills that are helpful in having a successful career in the field of drafting and design.	
Drawing and Painting	1
Drawing and Painting (GC) This course provides an opportunity for students to expand on the drawing and painting concepts introduced in Middle School Drawing & Painting. Students are given more in depth projects to work on and will become more adept at drawing and painting. Students will create a sketchbook portfolio of work that demonstrates their increasing skill and growth as an artist.	
Digital Photography	.5-1
Digital Photography I (EDM) Have you wondered how professional photographers manage to capture that perfect image? In the first half of the course you will gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular shots! Learn how to display your work for exhibitions and develop skills important for a career as a photographer. Let's further develop your photography skills by learning more professional tips, tricks, and techniques to elevate your images. In the second half of the course you will explore various photographic styles, themes,	

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genres, and artistic approaches. Learn more about photojournalism and how to bring your photos to life, and using this knowledge, build a portfolio of your work to pursue a career in this field!	
Fashion Design	.5
Fashion Design (EDM) Are you a fashion trend follower? Are you drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do you dream of designing your own line of clothing or accessories? Learn what it takes to get started in the fashion industry, from the careers available to new technology and trends reshaping the industry every day. Start creating!	
Graphic Design	.5-1
Graphic Design (EDM) This one-semester course is intended as a practical, hands-on guide to help you understand graphic design concepts, graphic image creation, and image manipulation. This course has 14 lessons organized into 4 units, plus 4 Unit Activities. Each lesson contains one or more Lesson Activities. This course covers careers you can pursue in graphic design. It also covers training and skills required for a graphic designer. In addition, this course describes how to create images using color and typography and how to manipulate images. It also guides you how to create images using design elements and principles. Finally, this course covers copyright laws and ethics related to the use of graphic design. The second half of this course is intended as a practical, hands-on guide to help you understand advanced concepts of graphic design, including the creation of graphic products such as logos, posters, and magazine covers. The course will also help you explore concepts of multimedia and digital photography. This course has 14 lessons organized into 4 units, plus 4 Unit Activities. Each lesson contains one or more Lesson Activities. This course will cover the advanced manipulation of images. It will guide you on how to create graphic products such as logos, posters, and magazine covers. This course also covers multimedia and digital photography. In addition, the course covers art criticism in graphic artwork, digital publishing, and the creation of graphic design portfolio.	
Introduction to Art	.5
Introduction to Art (EDG) 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, Intro to Art 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.	
Introduction to Visual Arts	.5
Introduction to Visual Arts (EDM) This course is intended for you to familiarize yourself with different types of visual arts. This course has 16 lessons and 5 Course Activities. Each lesson contains one or more Lesson	

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Activities. In Introduction to Visual Arts, you will trace the history of art and describe various art forms. You will identify the elements of art and examine the principles of design. You will analyze the parameters in evaluating and critiquing art. You will examine copyright laws and discuss the ethical use of art.	
Music Appreciation	.5 - 1
Music Appreciation:The Enjoyment of Listening (EDM) Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.	
Music in Movies	.5
Music in Movies (GC) If you like movies and you like music, you will LOVE our MIPS Music in Movies course! In this enjoyable and interactive course, students will learn the many ways that filmmakers use music to enhance their movies. We will be studying film music from Star Wars, How To Train Your Dragon, Lord Of The Rings, and other award-winning films. Students in this course will virtually interact with other students in the analysis of music in movies. Students will continue to learn the many ways that filmmakers use music to enhance their movies. Students will be studying film music from other award-winning films. Students in this course will virtually interact with other students in the analysis of music in movies.	
Professional Photography	.5-1
Professional Photography (EDM) This one-semester course is intended as a practical, hands-on guide to help you understand the skills required to achieve success in photography careers. This course has 14 lessons organized into four units, plus four Unit Activities. Each lesson contains one or more Lesson Activities. This course will cover various topics in photography, such as history of photography, types of photography, types of camera, camera support equipment, types of camera lenses, exposure, lighting setups, rules of composition, color photography, storing and manipulating images, copyright laws and fair use, and printing photos. The second half of this course will cover various topics in photography, such as camera exposure settings, portrait photography, advertising photography, architectural photography, photographic special effects, retouching photographs, restoring old photographs, analog photography, darkroom equipment and development, safety procedures, evaluating photographs, stages of production, and photography portfolio.	
Theatre	.5-4
Theatre (GC) In this year-long synchronous course we will be exploring theatrical performance and production. Students will learn about the multifaceted theatre industry through the use of games, play	

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analysis, movement/ vocal exercises, and peer collaboration. Throughout the year students will explore all areas of theatre such as: acting, costume design, sound design, voice over acting, Shakespeare, playwriting, audition preparation, and much more! Students who take this course will be personally invited to audition or participate behind the scenes in our MIPS yearly theatrical production! Additionally, this course will culminate in a short play production project to demonstrate the theatrical skills developed throughout the year. By the end of this course students will be well-rounded theatre artists who possess the skills to continue their theatrical endeavors at a higher level. Each week students in this course will be required to watch an instructional video, complete a related assignment and participate in a one hour Zoom class.	
Theater, Cinema, & Film Production	1
Theater, Cinema, & Film Production IA & IB (EDM) Lights! Camera! Action! Theater and cinema are both forms of art that tell a story. Let's explore the enchanting world of live theater and its fascinating relationship to the silver screen. Explore the different genres of both and how to develop the script for stage and film. Then dive into how to bring the script to life with acting and directing. If you have a passion for the art of film and stage, let's bring your creativity to life!	
World Music of Drumming	.5-1
World Music of Drumming (GC) PREREQUISITE: Successful completion of 1 year of MIPS School Of The Arts. In this exciting and interactive course students will learn how to perform hand drumming songs from West Africa, the Caribbean, and other world music cultures. The purpose of this course goes well beyond training students to become accomplished percussionists and into the realm of creating a community of students that gain an appreciation and high level of respect for various world cultures. Members of our World Music Drumming course will be known as the MIPS Thunder Drummers and will create exceptional performance videos that will be placed on YouTube. Students in this course will receive on loan a quality drum and other instruments to practice and perform with.	

HS WORLD LANGUAGE

- Students must complete two years of the same world language which includes American Sign Language, or
- Students can take one year of the same world language and earn the other credit from an additional credit utilizing the VPAA or CTE courses.

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Spanish	1
Spanish I (GC) In this course students will gain the skills to talk about themselves and the world around them. Students will learn to introduce themselves, as well as describe their family and friends, what they like to do for fun, and their daily routines at home and school. Throughout the course, students will practice in using and understanding Spanish to develop listening, speaking, reading, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics. The class takes a proficiency-based approach, informed by current language acquisition research and the ACTFL performance descriptors for novice language learners. A heavy focus is placed on meaningful language use, and grammar is taught implicitly through input and meaning-based activities. Grammar concepts taught include present tense conjugations (with some stem-changers), gustar (and similar verbs), possessive adjectives, adjective agreement, estar + prepositions, present progressive tense, and ir + a + infinitive. Students will complete this course as a hybrid. Instructor and teacher will meet virtually twice per week for lectures and language practice. Student will also be responsible for completing part of the course online on their own.	
Spanish I (EDG) # Students begin their introduction to high school Spanish with fundamental building blocks in four key areas of world language study: listening comprehension, speaking, reading, and writing . Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas .	
Spanish I CR (EDG) Students begin their introduction to high school Spanish with fundamental building blocks in four key areas of world language study: listening comprehension, speaking, reading, and writing . Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas .	
AP Spanish (EDM) AP Spanish Language and Culture course is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical and communicative skills. It prepares students for the College Board's AP Spanish Language and Culture exam. It uses as its foundation the three modes of communication (Interpersonal, Interpretive and Presentational) as defined in the Standards for Foreign Language Learning in the 21st Century. The course is designed as an immersion experience and is conducted almost exclusively in Spanish. In addition, all student work, practices, projects, participation, and assessments are in Spanish. The course is based on the six themes required by the College Board: 1. Global challenges; 2. Science and technology; 3. Contemporary life; 4. Personal and public identities; 5. Families and communities; 6. Beauty and aesthetics. The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary	

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and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. In addition, students participate in a forum where they are able to share their own opinions and comments about various topics and comment on other students' posts. The course also makes great use of the Internet for updated and current material.
Spanish I (EDM) # Learning a language is a multi-faceted experience in which you are introduced to a whole new set of words and ways of expressing yourself with words, along with new cultures formed by people who have been speaking that language for centuries. The Spanish-speaking world is vast and rich, spanning Spain in the Iberian Peninsula and many parts of North, Central, and South America, all with varied ethnic and political histories and cultures. In the first half of this course you'll be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of your social life. You'll start with basic sentence structures and grammatical tools, and you'll learn to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In the second half of this course you'll be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. You'll also describe various art forms, plays, concerts, and movies. You'll discuss health and well-being and travel and tourism. You'll build on what you learned in the first half of the course to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish-speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.
Spanish II (EDG) High school students continue their introduction to Spanish with fundamental building blocks in four key areas of world language study: listening comprehension, speaking, reading, and writing . Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments .
Spanish II (GC) High school students continue their introduction to Spanish with fundamental building blocks in four key areas of world language study: listening comprehension, speaking, reading, and writing . Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities,

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speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments .

Spanish II CR (EDG) High school students continue their introduction to Spanish with fundamental building blocks in four key areas of world language study: listening comprehension, speaking, reading, and writing . Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments .

Spanish II (EDM) In the first half of Spanish II you'll be reintroduced to Spanish in common situations, beginning with describing classes, school friends, teachers, and school supplies. You'll discuss different styles of dressing, housing and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employers. You'll also describe daily personal routines and schedules, household chores and family responsibilities. Finally, you'll discuss different types of cuisine, dining establishments, and dining etiquette. You'll build on what you learned in Spanish I to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Spanish III (EDM) In the first half of Spanish III you'll be reintroduced to Spanish in common situations, beginning with various daily routines, describing friends and family, childhood memories and activities, and childhood hopes and aspirations. You'll discuss and describe art, such as paintings and sculptures, and literature, such as novels and novellas, and give reactions and form opinions about art and literature. You'll also understand the process of selecting and applying to a university, aspirations at the university, and dealing with leaving home and moving into a dormitory. Further, you will describe university life and expectations from the university experience. You'll explore the dynamics and challenges of multiethnic and developing societies, environmental and social issues, causes and possible resolutions, and learning about unfamiliar countries using technology. Finally, you'll discuss current events reported in the media, different types of classified and other types of advertisement in the media (both print and online), the sections and supplements of a newspaper or magazine, and various jobs available in the media. You'll build on what you learned in Spanish 2 to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In the second half of Spanish III you'll be reintroduced to Spanish in a variety of situations, beginning with multiculturalism, bilingualism, cultural influences on traditions, customs, food, and social experiences, and legends and folklore from different cultures. You'll discuss and describe genres of music, poetry, drama, and

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short stories, and proverbs from different cultures. You'll also explore how geographical features affect the weather, and how the geography and weather affect the clothing, food, and livelihoods of the local population. You'll also understand the history of Venezuela and how the Spanish conquerors and indigenous people shaped the culture of the country, and you'll learn about the South American independence movement, including some significant freedom fighters and their struggles to win independence. You will also discuss religions practiced in Argentina, the cultural icons of the country and how they compare to cultural icons from other countries, sports and activities in Argentina, some national symbols, such as the gauchos, and idioms and sayings from Argentina. Finally, you'll discuss types of wildlife and natural and agricultural resources found in Costa Rica, the human resources of the country that help overcome economic and natural disasters, and how to write formal and informal letters to share experiences. You'll build on what you learned in first half of the course to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.	
French	1
French I (EDM) In the first half of the course, you'll be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of your social life. You'll start with basic sentence structures and grammatical tools, and you'll communicate by listening, speaking, reading, and writing in French as you internalize new vocabulary and grammar. You'll also learn about some regions of the French speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your French studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In the second half of this course, you'll be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. You'll also describe various art forms, plays, concerts, and movies. You'll discuss health and well-being, and travel and tourism. You'll build on what you learned in the first half of the course and communicate by listening, speaking, reading, and writing in French as you internalize new vocabulary and grammar. You'll also learn about some regions of the French-speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your French studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.	
French II (EDM) Learning a language is a multi-faceted experience in which you are introduced to a whole new set of words and ways of expressing yourself with words, along with new cultures formed by people who have been speaking that language for centuries. The French-speaking world spans France, Monaco, and parts of Belgium, Switzerland, and Luxembourg in Europe, as well as parts of the United States, Canada, and various African countries, all with varied ethnic and political histories and cultures.	

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In the first half of this course you'll be reintroduced to French in common situations, beginning with describing classes, school friends, teachers, and school supplies. You'll discuss different styles of dressing, housing and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. You'll also describe daily personal routines and schedules, household chores and family responsibilities. Finally, you'll discuss different types of cuisine, dining establishments and dining etiquette. You'll build on what you learned in the French 1B course to communicate by listening, speaking, reading, and writing in French as you internalize new vocabulary and grammar. You'll also learn about some regions of the French-speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your French studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In the second half of course you'll be reintroduced to French in common situations, beginning with various professions and career plans for the future. You'll discuss traveling to different regions and the flora and fauna found in each region and describe different types of trips, including road trips, camping, and ecotourism. You'll also describe different hobbies, activities, and crafts that people enjoy. Finally, you'll discuss different medical specialists, including dentists and veterinarians, and describe symptoms related to illness and injury. You'll build on what you learned in the French 2A course to communicate by listening, speaking, reading, and writing in French as you internalize new vocabulary and grammar. You'll also learn about some regions of the French speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your French studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

German I	1

German I (EDM) # Learning a language is a multi-faceted experience in which you are introduced to a whole new set of words and ways of expressing yourself with words, along with new cultures formed by people who have been speaking that language for centuries. The German-speaking world spans Germany, Austria, Switzerland, Luxembourg, and Liechtenstein in Europe, as well as many other parts of the world. In the first half of this course you'll be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of your social life. You'll start with basic sentence structures and grammatical tools, and you'll communicate by listening, speaking, reading, and writing in German as you internalize new vocabulary and grammar. You'll also learn about some regions of the German speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your German studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In the second half of this course you'll be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated

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weather conditions, food, clothes, and activities. You'll also describe various art forms, plays, concerts, and movies. You'll discuss health and well-being, and travel and tourism. You'll build on what you learned in the German 1A course to communicate by listening, speaking, reading, and writing in German as you internalize new vocabulary and grammar. You'll also learn about some regions of the German-speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your German studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.
German II (EDM) Learning a language is a multi-faceted experience in which you are introduced to a whole new set of words and ways of expressing yourself with words, along with new cultures formed by people who have been speaking that language for centuries. The German-speaking world spans Germany, Austria, Switzerland, Luxembourg, and Liechtenstein in Europe, as well as many other parts of the world. ‘ In the first half of the course you'll be reintroduced to German in common situations, beginning with describing classes, school friends, teachers, and school supplies. You'll discuss different styles of dressing, housing and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. You'll also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, you'll discuss different types of cuisine, dining establishments, and dining etiquette. You'll build on what you learned in the German I course to communicate by listening, speaking, reading, and writing in German as you internalize new vocabulary and grammar. You'll also learn about some regions of the German-speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your German studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In the second half of this course you'll be reintroduced to German in common situations, beginning with various professions and career plans for the future. You'll discuss traveling to various regions and the flora and fauna found in each region and describe types of trips, including road trips, camping, and ecotourism. You'll also describe hobbies, activities, and crafts that people enjoy. Finally, you'll discuss medical specialists, including dentists and veterinarians, and symptoms related to illness and injury. You'll build on what you learned in the first half of this course to communicate by listening, speaking, reading, and writing in German as you internalize new vocabulary and grammar. You'll also learn about some regions of the German-speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your German studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

American Sign Language	1
American Sign Language I (EDM) # Did you know that American Sign Language (ASL) is the third most commonly used language in North America? In the first half of this course you will learn introductory vocabulary and simple sentences so that you can start communicating right away. Importantly, explore Deaf culture – social beliefs, traditions, history, values, and communities influenced by deafness.	

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In the second half of this course you will discover more of this language and its grammatical structures through expanding your vocabulary as you acquire hundreds of new signs. Additionally, explore interesting topics like Deaf education and Deaf arts and culture, and learn about careers where you can use your ASL skills.
American Sign Language II (EDM) It's time to move beyond introductory ASL signs and start forming more compelling signs for communication. In the first half of this course you will explore how expressions can enhance signs and lend dimension to conversations, while learning vocabulary for descriptions, directions, shopping, making purchases, and dealing with emergencies. Ready to dive deeper into learning about the Deaf community, culture, and language? In the second half of this course you will be advancing your communication skills. Learn about sequencing, transitions, role-shifts, and future tenses. Discover how to tell a story and ask questions, benefiting with greater exposure to deaf culture. Speed, conversations, signing skills, and cultural awareness are characteristics of this course.

HS HEALTH & PHYSICAL EDUCATION

- Students must have at least one semester of both health and physical education

Course Title & Description	Total Credit
Health**	.5
Health (EDM) Everyone needs to take care of their body, but we aren't necessarily born with the knowledge of how to go about it. It's important to invest time and energy into understanding what it means to be healthy. There are many activities you can engage in which are dangerous for your long-term health, so you need to know how to identify and avoid these activities. It's also important to identify lifestyles which will lead to a longer, more enjoyable life. This course will guide you through lifestyle choices you will make which will ultimately impact your life in meaningful ways.	
Health (EDG) Everyone needs to take care of their body, but we aren't necessarily born with the knowledge of how to go about it. It's important to invest time and energy into understanding what it means to be healthy. There are many activities you can engage in which are dangerous for your long-term health, so you need to know how to identify and avoid these activities. It's also important to identify lifestyles which will lead to a	

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longer, more enjoyable life. This course will guide you through lifestyle choices you will make which will ultimately impact your life in meaningful ways.
Health CR (EDG) Everyone needs to take care of their body, but we aren't necessarily born with the knowledge of how to go about it. It's important to invest time and energy into understanding what it means to be healthy. There are many activities you can engage in which are dangerous for your long-term health, so you need to know how to identify and avoid these activities. It's also important to identify lifestyles which will lead to a longer, more enjoyable life. This course will guide you through lifestyle choices you will make which will ultimately impact your life in meaningful ways.

Physical Education**	.5-1

Lifetime Fitness (EDG) Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, this course equips high school students with the skills they need to achieve lifetime fitness. Available as either a semester or year-long course, Lifetime Fitness encourages students to assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design a fitness program to meet their individual fitness goals.
Lifetime Fitness CR (EDG) Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, this course equips high school students with the skills they need to achieve lifetime fitness. Available as either a semester or year-long course, Lifetime Fitness encourages students to assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design a fitness program to meet their individual fitness goals.
Physical Education (EDM) Your body is a machine that has certain needs—if you treat it well, it should be able to serve you well. But what can you do to promote a fit and healthy body? A course in physical education can show you. By definition, physical education is instruction in exercise and physical activity. It teaches you how to maintain your personal fitness, how to measure different aspects of physical fitness, and how to avoid injury while exercising. It's all about getting active and setting your body in motion. By measuring health and fitness with objective data, it's possible to improve your health in a methodical way. Exercise helps you feel good about yourself and helps you sidestep the health problems that often accompany poor levels of fitness.

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HIGH SCHOOL ELECTIVES

- These courses will help fulfill the two additional elective credits that you need to graduate.

Course Title & Description	Total Credit
Academic Success	.5
Academic Success (EDM) This one-semester elective course is intended as a practical, hands-on guide to help you improve your study habits and enhance your prospects for academic success, now and in the future. This course is not divided into units and doesn't have pretests by which you can earn credit. Instead, it is designed to help you improve your study skills regardless of your skill level at the time that you take the course. It is structured into lessons and Course Activities as follows: The first five lessons are about specific aspects of studying. Before and after these lessons, you will assess your study habits in two Course Activities. The last three lessons focus on writing as a process and using that process to write a research paper. The lessons are followed by a Course Activity in which you will submit a research paper.	
Accounting	.5
Accounting A (EDM) This one-semester course is intended to help you familiarize yourself with the basics of accounting. This course has 15 lessons organized into four units. Each unit has a Unit Activity and each lesson contains one or more Lesson Activities.	
Anthropology	.5
Anthropology I (EDM) The aim of anthropology is to use a broad approach to gain an understanding of our past, present, future and address the problems humans face in biological, social and cultural life. This course will explore the evolution, similarity and diversity of humankind through time. It will look at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change. Exciting online video journeys to different areas of the world will also be presented in the course.	
Black History	.5
Black History in America: Introduction (EDG) By examining the stories of brave men and women who persevered, built community and contributed to our nation's goals—sometimes amid great persecution—we can all learn how to pave a brighter future. Learn about the incredible history of Black people who have left a	

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mark on the fabric of the United States to the ways the country has wrestled with its past to understand slavery, emancipation, and the fight for civil rights in our nation.	
Black History in America: Exploring the Black Experience (EDG) What is the story of Black history in America? Well, the answer is—there are many! By exploring the storytelling, music, dance, and visual arts of the Black community in America, we follow those stories from the Civil War through to the present day. We discover the growing momentum of the fight for civil rights, increased political participation and power, and the lingering effects of slavery, Jim Crow, and segregation. We will hear from Black creators, activists, and politicians to see how they viewed their life in the context of the rich tapestry of Black history in America. Having examined Black history from its earliest days to the present and completing the cumulative project, you will be equipped to understand how the Black experience is shifting and changing each day in America.	
Business English	1
Business English A (EDM) This course is designed to strengthen your ability to read and write in the workplace. The first unit introduces the business writing process. In the second unit, you'll learn about writing emails and instant messages, as well as examine the role that digital media plays in business. The third unit covers how to format and write specific types of business messages.	
Business English B (EDM) This course is designed to strengthen your ability to read, write, and communicate in the workplace. In the first unit, you'll learn about different kinds of workplace documents you may need to read or write on the job. The second unit introduces you to the design and visual components of workplace documents, along with strategies for giving business presentations. The third unit focuses on the role that professional and interpersonal skills play in the workplace. In the fourth unit, you'll learn strategies that will help you find and apply for jobs.	
Certified Nurse Aide	1
Certified Nurse Aide (EDM) The first half of this course designed to introduce you to the topics that you must learn to take the competency evaluation to become a certified nurse aide. The course will provide you with the knowledge and skills you need to perform your duties as a nurse aide. The course consists of four units. The first unit will explain how to communicate, work in a team, and be culturally competent when working as a nurse aide. The second unit will introduce you to medical terminology, abbreviations, acronyms, symbols, and body structure and directional terminology, which will help you communicate accurately when performing your duties as a nurse aide. The third and fourth units will help you recall the different human body systems. These units will also describe disorders and diseases related to the body systems and their treatments. The second half of this course you continue to prepare for the competency evaluation to become a certified nurse aide. There are four units. In the first unit, you will learn basic nursing skills and how to best care for clients. The second unit will introduce you to different types of clients and how to provide quality care to them depending on their varying needs. The lessons in the third unit cover topics related to infection control, waste	

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management, and cost containment. Finally, the fourth unit will introduce laws and ethics related to nurse aides and their duties.	
Child Development and Parenting	.5
Child Development and Parenting A (EDM) This one-semester course is intended to help you familiarize yourself with various aspects of child development and parenting. This course covers the fundamental concepts of parenting and the roles and responsibilities of parents. It also covers essential communication skills related to parent-child interaction. In addition, the course covers important workplace qualities and skills, such as positive work ethics, integrity, and time and resource management. It also covers technology and recent trends in parenting.	
Computer Science	.5
Exploring Technology I - CodeHS (GC) A beginner computer science course introducing the basics of programming. Students will start by learning to code using fun, interactive characters—Karel the Dog and Tracy the Turtle. They'll use simple commands to guide Karel through puzzles and challenges while exploring JavaScript. Then, they'll learn Python by programming Tracy to draw shapes, patterns, and animations. Students also create a personal portfolio website in HTML and CSS showcasing projects they build throughout the course.	
Exploring Technology II - CodeHS (GC) Building on Exploring Technology 1, this course is designed for students with prior computer science experience who want to take their skills to the next level. Students will explore web design, game development, and artificial intelligence, using hands-on projects to create interactive websites, digital games, and AI-powered applications. They will learn how AI generates content, analyze data to make informed decisions, and experiment with creative coding techniques. Along the way, students will tackle problem-solving challenges, discuss the ethics of AI, and build a digital portfolio to showcase their work.	
Artificial Intelligence I - CodeHS (GC) This course introduces students to the world of artificial intelligence, covering fundamental AI concepts, ethical considerations, data science, and programming in Python. Students will explore how AI is used in society, analyze big data, and develop basic AI-driven programs while building problem-solving and computational thinking skills.	
Artificial Intelligence II - CodeHS (GC) Building on AI Foundations 1, this course dives deeper into AI-driven programming, chatbot development, game AI, and advanced data structures. Students will explore the role of AI in gaming, analyze how algorithms power decision-making, and create interactive Python projects.	
Web Development I - CodeHS (GC) This course introduces students to the fundamentals of web design and development using HTML, CSS, and JavaScript. Students will learn how to structure web pages, apply styling, and create responsive, visually engaging websites. Through hands-on projects, they will explore the	

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basics of user experience (UX), accessibility, and web hosting, preparing them for more advanced web development topics.	
Web Development II- CodeHS (GC) Building on the foundations of web design, this course explores interactive web development using JavaScript and advanced styling techniques. Students will integrate dynamic elements, animations, JavaScript frameworks, and data collection methods to create fully functional web applications. They will also gain experience with website optimization, security, and hosting strategies.	
Game Development I - CodeHS (GC) This course introduces students to the fundamentals of game design and development, using Unity and C# to create interactive digital experiences. Students will explore the history of video games, game mechanics, and game design principles, while gaining hands-on experience with Unity's 2D game development tools. By the end of this course, students will have built their own playable 2D game.	
Game Development II - CodeHS (GC) Building on Game Development Foundations, this course takes students deeper into 3D game development, advanced Unity scripting, and interactive gameplay design. Students will explore game physics, character animation, multiplayer functionality, and VR environments, culminating in a final fully interactive 3D game.	
AP Computer Science (EDM) This one-semester course is intended to introduce you to the concepts of computer programming. You will describe the basic concepts of computer programming; compile and run a simple Java program; use arithmetic, relational, and logical operators; implement algorithms, and use different types of loop and decision making statements; create and use classes; create and manipulate one dimensional and two-dimensional arrays; perform sequential search, binary search, selection sort, and insertion sort on an array; explain and implement object-oriented programming design; implement inheritance, polymorphism, and abstraction; and describe privacy and legality in the context of computing.	
Creative Writing	.5
Creative Writing (EDM) This one-semester course is intended to help you sharpen your creative writing skills. By the end of this course, you will be able to do the following: Describe various genes of creative writing; Describe the creative writing process; Identify genres and subgenres of prose fiction and describe how to create a plot for a story; Apply skills and techniques to write effective dialogue for characters in stories, plays, movies, and television dramas; Describe different forms of theater and the basic elements of a play; Apply skills and techniques to write playscripts; Apply skills and techniques to write screenplays for movies and television dramas; Describe various literary techniques used in poetry and identify different forms of poetry; Identify different forms of personal narrative writing and their distinguishing features; Apply skills and techniques to write food reviews and travelogs; Apply skills and techniques for writing advertisements for different media; Describe the scope and purpose of literary journalism and its defining characteristics; and Identify publishing sources for different types of fiction and nonfiction writing.	
Creative Writing (EDG) This one-semester course is intended to help you sharpen your creative writing	

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Criminology	.5

Criminology: Inside the Criminal Mind (EDM) In today's society, crime and deviant behavior are often one of the top concerns of society members. From the nightly news to personal experiences with victimization, crime seems to be all around us. In this course, we will explore the field of criminology or the study of crime. In doing so, we will look at possible explanations for crime from psychological, biological, and sociological standpoints, explore the various types of crime and their consequences for society, and investigate how crime and criminals are handled by the criminal justice system. Why do some individuals commit crimes but others don't? What aspects in our culture and society promote crime and deviance? Why do individuals receive different punishments for the same crime? What factors shape the criminal case process, from arrest to punishments?

Entrepreneurship	.5-1

Entrepreneurship 1a A & B (EDM) The first half of this course is intended to help you identify the components of a business plan, describe ideation and innovation in products and pricing, explain the market research process, and list various management functions of operations management. It will also cover the roles and attributes of an entrepreneur, marketing and its components, the selling process, and operations management.

In the second half of this course you will learn how to explain the concept of accounting, identify different firm ownership structures, explain the importance of business ethics, and describe the scope of quality management. This course also covers the different types of capital that a business needs at different stages, the nature of legally binding contracts, the different functions of the human resources division of a company, and the types of risks that entrepreneurs face.

Ethnic Studies	.5

Ethnic Studies (EDG) In one semester of five units, Ethnic Studies explores the history, culture, and experiences of different ethnic and racial groups. The course looks at the lives of Indigenous peoples, African Americans, Latin Americans, and Asian Americans and Pacific Islanders in the United States. By

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studying the experiences of people in these groups, you will develop a deeper understanding of their contributions, struggles, and achievements. In this course, you will explore the effects of historical as well as current laws and policies. Many laws and policies have focused on specific groups of people based on race or ethnicity. You will learn about the ways in which ethnic groups have shaped and contributed to American society. You will also explore the obstacles groups have faced while working to gain citizenship and equality. And through discussion, research, and projects, you will learn how the impacts of race, ethnicity, and identity lead people to have very different lives.	
First Aid & Safety	.5
First Aid & Safety (EDM) In this course, students learn and practice first aid procedures for a variety of common conditions, including muscular, skeletal, and soft tissue injuries. In addition, students learn how to appropriately respond to a variety of emergency situations. They also learn the procedures for choking and CPR for infants, children, and adults. In addition to emergency response, students will explore personal, household, and outdoor safety, and disaster preparedness.	
Forensic Science I: Secrets of the Dead	.5
Forensic Science I: Secrets of the Dead (EDM) Forensic science applies scientific knowledge to the criminal justice system. The first half of 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.	
Forensic Science II: More Secrets of the Dead	.5
Forensic Science II: More Secrets of the Dead (EDM) Although the crime scene represents the first step in solving crimes through forensic science, the crime laboratory plays a critical role in the analysis of evidence. This course focuses on the analysis of evidence and testing that takes place within this setting. We will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined.	
Gothic Literature	.5
Gothic Literature (EDM) This one-semester course is intended to familiarize you with the different conventions, themes, and elements of Gothic literature through the analysis of representative literary works. The course discusses classics such as Mary Shelley's novel Frankenstein, Ann Radcliffe's novel A Sicilian Romance, Nathaniel Hawthorne's novel The Scarlet Letter, Robert Louis Stevenson's Gothic novella Strange Case of Dr. Jekyll and Mr. Hyde, and Bram Stoker's Dracula. It also analyzes Edgar Allan Poe's Gothic short stories, Robert Browning's Gothic poems, and Emily Dickinson's poems about death, mortality, and	

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spirituality. Finally, you get a glimpse of Matthew Lewis and Percy Bysshe Shelley's Gothic dramas, learn about Gothic parodies and Gothic subgenres, and discuss contemporary Gothic literature. This course has 12 lessons, 5 Course Activities, 5 discussions, and 5 games. Each lesson contains one or more Lesson Activities. You will grade your work in the lesson activities by comparing them with sample responses. You will submit the course activities to your teacher for grading.	
Health & Personal Wellness	.5
Health & Personal Wellness (EDM) This comprehensive health course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the semester. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.	
Holocaust Studies	.5
History of the Holocaust (EDG) Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multidisciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, high school students will gain an understanding of the ramifications of prejudice and indifference, the potential for government supported terror, and they will get glimpses of kindness and humanity in the worst of times.	
Holocaust Studies (EDM) is a half of year course that describes the mass murder of millions of Jews during the Nazi rule in Germany and its impact on the international community. In this course, you will trace the history of Jews living in Europe and the origins of anti-Semitism. You will learn about the early life of Hitler and his rise to power. The course also describes how the Nazis exterminated the Jews and how Jews resisted. You will also learn about the liberation of the Jews and the impact of the Holocaust on the non-Jewish community. The course also covers the outcome of postwar trials.	
Introduction to Coaching	.5
Introduction to Coaching (EDM) This course focuses on the various responsibilities of a coach and the skills needed to successfully fill this important position. Throughout the course, students will explore various coaching models and leadership styles, sports nutrition and sports psychology, as well as safety, conditioning, and cross-training. Students will learn effective communication, problem-solving, and decision-making skills. The course will also introduce students to game strategy, tactical strategy, skills-based training, and coaching ethics.	

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Introduction to Communication and Speech	.5 - 1
Introduction to Communication and Speech A & B (EDG) Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, this course offers fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. High school students enrolled in this course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches.	
Introduction to Finance	.5
Introduction to Finance (EDM) This one-semester course is intended to help you familiarize yourself with the basic and essential concepts of finance. This course will cover the fundamental concepts of finance, including the importance of finances and financial planning in personal life and business, ways to manage finances, different investment strategies, and various career options available in the field of finance.	
Philosophy	.5-1
Philosophy: The Big Picture (EDM) This course will take you on an exciting adventure that covers more than 2500 years. Along the way, you'll run into some very strange characters. For example, you'll read about a man who hung out on street corners, barefoot and dirty, pestering everyone he met with questions. You'll read about another man 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 most brilliant and influential thinkers of all time. As you read about them, you'll see where many of the most fundamental ideas of Western civilization came from. You'll also get a chance to ask yourself some of the same questions these great thinkers pondered. At the end, you'll have a better understanding of yourself and the world around you, from atoms to outer space and everything in between.	
Law & Order: Introduction to Legal Studies	.5
Law & Order: Introduction to Legal Studies (EDM) 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.	
Life Skills	.5

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Life Skills (EDM) This course allows students to explore their personality type and interests, as well as refine important skills that will benefit them throughout their lives, including personal nutrition and fitness skills, time & stress management, communication & healthy relationships, goal setting, study skills, leadership and service, environmental and consumer health, and personal finances. In addition, students will explore possible colleges and careers that match their needs, interests, and talents.	
Lifetime & Leisure Sports	.5
Lifetime & Leisure Sports (EDM) This course provides students with an overview of dual and individual sports. Students learn about a variety of sports, and do an in-depth study of martial arts, Pilates, fencing, gymnastics, and water sports. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to many of these sports. Students also learn the components of fitness, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments, set goals, and participate in weekly physical activity.	
Lord of the Rings: An Exploration of the Films and Their Literary Influences	.5
Lord of the Rings: An Exploration of the Films and Their Literary Influences (EDG) The Lord of the Rings is one of the most popular stories in the modern world. In this course, you will study the movie versions of J.R.R. Tolkien's novel and learn about the process of converting literature to film. You will explore fantasy literature as a genre and critique the three Lord of the Rings films.	
Medical Terminology	.5-1
Medical Terminology (EDM) In this course students will be introduced to basic medical language and terminology that they would need to enter a health care field. Emphasis will be placed on definitions, proper usage, spelling, and pronunciation. They will study word structure and parts, including roots, prefixes, and suffixes, as well as symbols and abbreviations. They will examine medical terms from each of the body's main systems, including skeletal, muscular, cardiovascular, respiratory, digestive, urinary, nervous, endocrine, reproductive, and lymphatic systems, and sensory organs. In addition, students will learn proper terminology for common tests, procedures, pharmacology, disease, and conditions.	
Michigan Initiative for Cybersecurity Education (MICE)	
IT Core Track	.5-2.5
MICE IT Fundamentals Pro (MICE) This introductory course is the first course in the track and covers a wide variety of topics in IT such as, but not limited to: computing, hardware and software, security, programming, networking, and operating systems. Students will be engaged in lab simulations, watching videos, and completing exercises, as well as practice certification tests.	

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MICE PC Pro A & B (MICE) This course provides in-depth coursework learning how to install, manage, and secure computer hardware and master home and corporate OS environments. Students will be engaged in lab simulations, watching videos, and completing exercises, as well as practice certification tests.	
MICE Security Pro This course covers how to secure a corporate network using a layered security model. Policy, law, and ethics are covered through a wide variety of hands-on activities that prepare students for a career in Cybersecurity. Certification Alignment includes a TestOut Security Pro (voucher included) and CompTIA Security+ SY0-501	
MICE Linux Pro (MICE) This course trains students to conduct hardware & system configuration, system operation & maintenance, security, automation & scripting, and troubleshooting & diagnostics in the Linux Operating System. The Linux Operating System is a must for individuals looking to pursue a career in IT and Cybersecurity. Students will be engaged in lab simulations, watching videos, and completing exercises, as well as practice certification tests.	
MICE Network Pro (MICE) This course covers the knowledge and skills students will need to install, configure, and maintain a network for a small business. Topics included but are not limited to: networking, OSI model, layers, switches, routers, configuration. Students will be engaged in lab simulations, watching videos, and completing exercises, as well as practice certification tests.	
Cyber Track	.5-2.5
MICE IT Fundamentals Pro (MICE) This introductory course is the first course in the track and covers a wide variety of topics in IT such as, but not limited to: computing, hardware and software, security, programming, networking, and operating systems. Students will be engaged in lab simulations, watching videos, and completing exercises, as well as practice certification tests.	
PC Pro A & B (MICE) This course provides in-depth coursework learning how to install, manage, and secure computer hardware and master home and corporate OS environments. Students will be engaged in lab simulations, watching videos, and completing exercises, as well as practice certification tests.	
Security Pro (MICE) This course covers how to secure a corporate network using a layered security model. Policy, law, and ethics are covered through a wide variety of hands-on activities that prepare students for a career in Cybersecurity. Certification Alignment includes a TestOut Security Pro (voucher included) and CompTIA Security+ SY0-501	
Hybrid MS Server Pro: Core Azure (MICE) TThis course introduces students to the fundamentals of on-premise and cloud-based server management using Windows Server 2022 and Microsoft Azure. Students will gain hands-on experience with Active Directory, DNS, IP addressing, virtualization, hybrid network connectivity, and cloud integration. Through real-world scenarios, they will learn to configure, manage, and troubleshoot server environments in both traditional and cloud-based infrastructures. This course is ideal for students interested in IT administration, cloud computing, and enterprise networking.	

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Cyberdefense (MICE) This course equips students with hands-on skills in cyber defense, threat intelligence, risk management, and security operations using real-world cybersecurity tools and techniques. Students will learn how to identify vulnerabilities, manage security risks, investigate cyber threats, and implement protection strategies to defend networks and systems. Through interactive simulations and security labs, students will apply cybersecurity principles in incident response, system hardening, malware analysis, and ethical hacking techniques.	
Ethical Hacker Pro (MICE) This course covers network attack strategies and common countermeasures while preparing students to use various penetration testing tools to analyze networks for vulnerabilities. Knowledge of these vulnerabilities also helps students to understand how to counter these vulnerabilities and improve network security. Students will be engaged in lab simulations, watching videos, and completing exercises, as well as practice certification tests.	
Networking Track	.5-2.5
MICE IT Fundamentals Pro (MICE) This introductory course is the first course in the track and covers a wide variety of topics in IT such as, but not limited to: computing, hardware and software, security, programming, networking, and operating systems. Students will be engaged in lab simulations, watching videos, and completing exercises, as well as practice certification tests.	
PC Pro (MICE) This course provides in-depth coursework learning how to install, manage, and secure computer hardware and master home and corporate OS environments. Students will be engaged in lab simulations, watching videos, and completing exercises, as well as practice certification tests.	
Security Pro (MICE) This course covers how to secure a corporate network using a layered security model. Policy, law, and ethics are covered through a wide variety of hands-on activities that prepare students for a career in Cybersecurity. Certification Alignment includes a TestOut Security Pro (voucher included) and CompTIA Security+ SY0-501.	
Linux Pro (MICE) This course trains students to conduct hardware & system configuration, system operation & maintenance, security, automation & scripting, and troubleshooting & diagnostics in the Linux Operating System. The Linux Operating System is a must for individuals looking to pursue a career in IT and Cybersecurity. Students will be engaged in lab simulations, watching videos, and completing exercises, as well as practice certification tests.	
Network Pro (MICE) This course covers the knowledge and skills students will need to install, configure, and maintain a network for a small business. Topics included but are not limited to: networking, OSI model, layers, switches, routers, configuration. Students will be engaged in lab simulations, watching videos, and completing exercises, as well as practice certification tests.	
Cisco Routing and Switching (MICE) This course prepares students to use Cisco routing and switching devices. Topics include, but are limited to: routing, access control list configuration, wireless configuration,	

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DHCP server configuration, NAT configuration, router security, and security measure implementation. Certification Alignment includes TestOut Routing and Switching Pro (voucher included) and Cisco Certified Networking Associate (CCNA) 200-301.	
Mythology and Folklore: Legendary Tales	.5
Mythology and Folklore: Legendary Tales (EDG) 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 and helped humans make sense of the world. Explore how these compelling tales continue to shape society even today.	
Mythology and Folklore: Legendary Tales (EDM) 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 and helped humans make sense of the world. Explore how these compelling tales continue to shape society even today.	
Nutrition	.5
Nutrition & Wellness (EDM) Nutrition and Wellness is a one-semester introductory course that covers the basics of nutrition and health. This course introduces you to nutrients, their food sources, their functions, nutrient recommendations, and food labeling. You will learn about the digestive and metabolic processes in the human body. You will discuss the factors that affect health and wellness and the nutritional needs through the life cycle and for specific conditions. You will then learn about eating disorders and food allergies, as well as the effect of diet on weight, chronic illnesses, and emotional and mental well-being. You will also learn about the aspects that influence physical fitness. Further, you will discuss the role of government and community programs in promoting health and well-being. You will then learn about safe food handling practices and identify pathogens and foodborne illnesses. You will also learn about various food preparation and presentation techniques, menu planning, and technological advances and marketing trends in the food industry. Toward the end of the course, you will learn about the career options in the field of nutrition and wellness. Finally, you will learn about goal setting, planning a career, and workplace skills and ethics.	
Personal Training	.5-1
Personal Training Concepts (EDM) This course examines basic concepts in fitness that are important for personal fitness, as well as necessary foundational information for any health or exercise career field. Areas of study include musculoskeletal anatomy and physiology, terms of movement, basic biomechanics, health related components of fitness, FITT principles, functional fitness skills, safety and injury prevention, posture and technique, nutrition, and weight management.	

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*This course is recommended as a prerequisite “Personal Training Career Prep” course.
Personal Training Career Prep (EDM) This course examines the role and responsibilities of a personal trainer. Students will learn the steps to become a personal trainer, including performing fitness assessments, designing safe and effective workouts, and proper nutrition principles. Concepts of communication and motivation will be discussed, as well as exercise modifications and adaptations for special populations. Students will also examine certification requirements, business and marketing procedures, and concerns about liability and ethics. In addition, throughout the course students will be able to explore various exercises, equipment, and tools that can be used for successful personal training. *This course is recommended for grades 10-12. “Personal Training Concepts” is a recommended pre-requisite to this course.

Principles of Agriculture, Food, and Natural Resources	.5
Principles of Agriculture, Food, and Natural Resources (EDM) Did you know that the world’s population could be as high as 11 billion people by the year 2050? And certainly, as our population is growing, so too are our food needs. Even today, millions of people around the world experience hunger. How can we balance growing populations and keeping everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Through the study of Principles of Agriculture: Food and Natural Resources, you will gain a stronger sense of how food ends up on the plate and how we can maximize the foods and natural resources the earth provides. You’ll learn more about agriculture’s history, animal husbandry, plant science, and natural resources, and you’ll be better prepared for your part in sustaining the world.	

Psychology	1
Personal Psychology 1: The Road to Self-Discovery (EDG) Get ready to delve into some of life’s biggest questions and begin the journey to uncovering those answers for yourself! In this course, you’ll explore the broad scope of psychology from biology’s impact on our psychological makeup to society’s impact on who we become. You’ll look closely at the changing and sometimes conflicting thoughts of researchers and scientists and how the field of psychology has changed. You’ll also explore clinical psychology and how people find treatment. Let’s begin the journey to discovery today!	
Personal Psychology II: Living in a Complex World (EDG) 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? In Personal Psychology II: Living in a Complex World you will 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!	

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Psychology (EDM) In this course you will trace the history of psychology and examine key psychological theories. You will discuss human development and explain how the nervous and endocrine systems affect human development and behavior. You will explain various theories related to language development and acquisition. You will discuss the influence of heredity, environment, society, and culture on human behavior.	
Psychology A & B (EDG) In this course you will trace the history of psychology and examine key psychological theories. You will discuss human development and explain how the nervous and endocrine systems affect human development and behavior. You will explain various theories related to language development and acquisition. You will discuss the influence of heredity, environment, society, and culture on human behavior.	
Public Speaking	.5
Public Speaking 1a: Introduction (EDG) Do you strive to gain more confidence when speaking in front of people? In the first half of this course learn techniques from famous speakers throughout history while learning what it takes to make a great speech. Develop skills that will serve you well throughout your career and personal life.	
Public Speaking 1b: Finding Your Voice (EDG) Bring your speeches to life by learning about body language, vocal, and other techniques. In the second half of this course learn about logic and reason while gaining the confidence to help create and deliver great presentations and speeches. You will also critically examine your speeches and presentations and those of others to improve upon your in-person and virtual presentation skills.	
Real World Parenting	.5
Real World Parenting (EDM) The process of parenting is more than just having a child and making sure they eat, sleep and get to school on time. Learn what to prepare for, what to expect, and what vital steps a parent can take to create the best environment and life for their child. Parenting roles and responsibilities; nurturing and protective environments for children; positive parenting strategies and effective communication in parent/child relationships are some of the topics covered in this course.	
Robotics I	1
Robotics IA & IB (EDM) The first half of this course explains various concepts related to robotics. This course begins by describing the evolution and applications of robotics. This course helps you identify career opportunities and important employability skills in robotics. You will explain the importance of teamwork and describe the skills needed to work in a team. You will describe Newton's laws of motion and their applications in robotics. You will describe basic concepts of electricity, electronic circuits, Boolean algebra, magnetics, and their applicability to robotics. You will apply safety procedures and construct a simple robot. The second half of this course addresses more advanced concepts related to robotics. It begins by	

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describing the importance of project management in the success of a project. You will describe the steps of the engineering design process. You will identify the use of software to control robots. You will create a robotic arm. You will describe the ethics and laws related to robotics. You will create a robot using programming. This course covers how to test and maintain a robotic system. This course also covers how to create and present a proposal for a robot.	
Social Problems	.5-1
Social Problems I: A World in Crisis (EDG) In this half-year course you will learn more about the challenges facing societies and the relationships between societies, governments, and individuals in these areas. Each unit will focus on a particular area of social concern, often with a global view, and examine possible solutions at both a structural and individual level.	
Social Problems: 2 Crisis, Conflicts, and Challenges (EDG) The Social Problems II course continues to examine timely social issues affecting individuals and societies around the globe. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels. For each issue, students examine the connections in the global arena involving societies, governments and the individual.	
Social Problems I: A World in Crisis (EDM) In this half-year course you will learn more about the challenges facing societies and the relationships between societies, governments, and individuals in these areas. Each unit will focus on a particular area of social concern, often with a global view, and examine possible solutions at both a structural and individual level.	
Social Problems: 2 Crisis, Conflicts, and Challenges (EDM) The Social Problems 2 course continues to examine the social problems that affect individuals and societies in the world today. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels. Students examine the connections in each issue between societies, individuals, governments, and the global arena.	
Sociology	.5
Sociology I: The Study of Human Relationships (EDM) The world is becoming more complex. How do your beliefs, values and behavior affect the people around you and the world we live in? In this increasingly connected world, students will examine problems in our society and learn how human relationships can influence the life of the student. Exciting online video journeys to different areas of the world are also presented in the course.	
Sociology: Your Social Life (EDM) Sociology is the study of people, social life, and society. By developing a “sociological imagination” students are able to examine how society itself shapes human action and	

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beliefs, and how in turn these factors re-shape society itself. Fascinating online video journeys will not only inform students, but motivate them to seek more knowledge on their own.	
Sports and Entertainment Marketing	.5
Sports and Entertainment Marketing (EDM) Sports and Entertainment Marketing is a one-semester course intended to help students gain an insight into the field of sports, entertainment, and recreation marketing. This course covers fundamental concepts in sports, entertainment, and recreation marketing. It also covers essential skills related to advertising, sponsorship, and marketing campaigns. In addition, the course covers crucial workplace skills, such as teamwork and leadership skills.	
Sports Officiating	.5
Sports Officiating (EDM) In this course, students will learn the rules, game play, and guidelines for a variety of sports, including soccer, baseball, softball, basketball, volleyball, football, and tennis. In addition, they will learn the officiating calls and hand signals for each sport, as well as the role a sport official plays in maintaining fair play.	
Strength Training	.5
Strength Training (EDM) This half-year course focuses on the fitness components of muscular strength and endurance. Throughout this course students establish their fitness level, set goals, and design their own resistance training program. They study muscular anatomy and learn specific exercises to strengthen each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles and other fundamental exercise principles, such as progression and overload, to strength training.	
World Geography	.5 - 1
World Geography (EDM) Geography is the study of where things are in the world. It is important to know why people settled where they did: sometimes this is for weather-related reasons, and sometimes it's because of bountiful natural resources nearby. In this half-year course, you will learn about these special features which drive economic development and form the locales where people settle.	
World Religions	.5
Intro. To World Religions (EDM) This one-half year course is intended to familiarize you with the origins, history, beliefs, and practices of various prominent world religions, primal religions, and contemporary religious movements.	
Writing	.5

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Structure of Writing (EDM) Structure of Writing is the study of principles of grammar and effective writing, and the application of these principles to writing. In Structure of Writing, you will learn about the types of sentences, punctuation marks and grammar rules such as subject verb agreement and tenses; you will also learn about different parts of speech and their correct usage; examine the concept of parallel structure in sentences as well as identify and correct run-on sentences. Finally, you will learn about developing paragraphs and essays.

MIDDLE SCHOOL COURSES CURRICULUM OVERVIEW

- Students are required to take the core courses of English Language Arts, Mathematics, Science and Social Studies for their respective grade level each year.
- The schedule will allow students to take 2 to 4 electives.
- Courses marked with **#** signify they can be taken for high school credit.
  - Students who wish to take courses that count for high school credit must have prior evidence of accelerated learning and acquire approval from the Director of Curriculum and Instruction.

MS ENGLISH

Course Title & Description	Total Credit
English 6	
English 6 (GC) Calling All Word Warriors and Mythical Minds! Get ready for an epic adventure in 6th Grade English! Leveling Up Your Language: Become a vocabulary champion by mastering powerful words that'll make your writing and speaking legendary! Embarking on a Quest with Percy Jackson: Join Percy on a thrilling ride through Greek mythology in Percy Jackson and the Lightning Thief. We'll explore the hero's journey, a map that guides countless stories, and learn the secrets of a captivating plot.	

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Finding Your Voice: Ever wanted to be a persuasive speaker or a professional debater? We'll develop your point of view, so you can argue like a champion and write with conviction.

Decoding the Secrets of Stories: Become a literary detective! We'll crack the code on elements like setting, character development, and plot twists.
Unveiling the Power of Panels: Dive into the world of graphic novels, analyzing how pictures and words work together to tell amazing stories.

Fact or Fiction? We'll explore A World Without Fish to sharpen our skills in finding the main idea and understanding informational text.

Figure Out Figurative Language: We'll unlock the magic of similes and metaphors, learning how authors use them to paint vivid pictures with words.

Why Does Structure Matter? Flush will show us how story structure impacts the way we experience a story.
Seeing Through Different Eyes: We'll analyze Tuck Everlasting to recognize bias in writing and understand how perspective shapes the story.

English 6 (EDG) This course eases students' transition to middle school with engaging, age-appropriate literary and informational reading selections. Students learn to read critically, analyze texts, and cite evidence to support ideas as they read essential parts of literary and informational texts and explore a full unit on Lewis Carroll's classic novel Through the Looking Glass. Vocabulary, grammar, and listening skills are sharpened through lessons that give students explicit modeling and ample practice. Students also engage in routine, responsive writing based on texts they have read. In extensive, process-based writing lessons, students write topical essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing, and language arts skills.

English 6 (EDM) This course provides a strong foundation in grammar and the writing process. It emphasizes simple but useful composition and language mechanics strategies with multiple opportunities for modeling practical, real-world writing situations that will enable students to improve their written communication skills quickly. Through a variety of grade-appropriate reading selections, students develop a clear understanding of key literary genres and their distinguishing characteristics.

English 7

English 7 (GC) This year, we're not just reading – we're diving headfirst into adventures!

Crack the Codes of Fiction & Nonfiction: Master the art of storytelling with thrilling novels like The Hunger Games (think rebellion in a futuristic world!), and unravel the mysteries of the real world with captivating nonfiction.

Write Like a Rock Star: Unleash your inner wordsmith! Learn ninja-smooth writing strategies like crafting a killer thesis statement, dropping knowledge bombs with evidence, and ending with a mic-drop conclusion that'll leave everyone speechless.

Travel Back in Time (Sort Of): Join Jiǎn Red Scarf Girl during China's Cultural Revolution. We'll analyze

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characters, decode hidden clues in the text, and explore the power of resilience.

Become a Brain Detective: Get ready to dissect the fascinating case of Phineas Gage! We'll use logic and persuasion techniques (think pathos, logos, and ethos) to solve the mystery of how a railroad accident changed a man's mind – forever!

Debate Like a Pro: Ever wanted to win an argument every single time? This course will show you how! We'll learn to identify logical fallacies (those sneaky tricks people use to win) and craft rock-solid arguments that nobody can refute.

English 7 (EDG) Students grow as readers, writers, and thinkers in this middle school course. With engaging literary and informational texts, students learn to think critically, analyze an author's language, and cite evidence to support ideas. Students complete an in-depth study of Jack London's classic novel White Fang and read excerpts from other stories, poetry, and nonfiction. Explicit modeling and ample opportunities for practice help students sharpen their vocabulary, grammar, and listening skills. Students also respond routinely to texts they have read. In extensive, process-based writing lessons, students write topical essays in narrative, informative, analytical, and argumentative formats. In this full year course, students develop a mastery of reading, writing, and language arts skills.

English 7 (EDM) Integrates the study of writing and literature through the examination of a variety of genres. Students identify the elements of composition in the reading selections to understand their function and effect on the reader. Practice is provided in narrative and expository writing. Topics include comparison and contrast, persuasion, and cause and effect essays, as well as descriptive and figurative language. Lessons are supplemented with vocabulary development, grammar, and syntax exercises, along with an introduction to verbal phrases and research tools.

English 8

English 8 (GC) Unleash your inner wordsmith! This dynamic course equips you to express yourself with confidence through diverse literature (novels, poems, informational texts) where you'll analyze themes, characters, and craft. Master personal narratives, persuasive essays, and creative writing while strengthening grammar and mechanics. Develop public speaking skills and become an active, respectful listener. Explore sentence structure, parts of speech, and vocabulary to elevate your communication. Learn to analyze literature and nonfiction from various perspectives, fostering empathy and critical thinking. Master research skills to find credible information and cite sources effectively. Spark a lifelong love of reading across genres and authors, collaborate with classmates through discussions, presentations, and projects, solidifying learning and communication. This course aligns with the Michigan Curriculum Framework for English Language Arts and incorporates key elements of the Common Core for a well-rounded journey of creativity, exploration, and self-expression.

English 8 (EDG) In this course, students build on their knowledge and blossom as thoughtful readers and clear, effective writers. A balance of literary and informational texts engage students throughout the course in reading critically, analyzing texts, and citing evidence to support claims. Students sharpen their vocabulary,

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**** Required to complete the Michigan Merit Curriculum (MMC).**
 # Middle School course that can be taken for high school credit.

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grammar, and listening skills through lessons designed to provide explicit modeling and ample opportunities to practice. Students also routinely write responses to texts they have read, and use more extensive, process-based lessons to produce full-length essays in narrative, informative, analytical, and argumentative formats. In this full year course, students develop a mastery of reading, writing, and language arts skills.
English 8 (EDM) Extends the skills developed in English 7 through detailed study of parts of sentences and paragraphs to understand their importance to good writing. Students also acquire study skills such as time management and improved test-taking strategies. Other topics include punctuation, word choice, syntax, varying sentence structure, subordination and coordination, detail and elaboration, effective use of reference materials, and proofreading.

MS MATHEMATICS

- These required math courses for all middle school students. Advanced mathematics courses must be approved by the Academic Advising Department.

Course Title & Description	Total Credit
Mathematics 6	
Mathematics 6 (GC) Welcome to Exploring 6th Grade Mathematics! In this course, students will delve into the exciting world of mathematical concepts and skills aligned with the 6th grade Common Core Standards. Through a combination of interactive activities, problem-solving tasks, and real-world applications, students will strengthen their mathematical proficiency while developing critical thinking and problem-solving skills. Throughout the course, students will engage in hands-on activities, group discussions, and individual projects to reinforce their understanding of mathematical concepts and their applications in everyday life. By the end of the course, students will have developed a solid foundation in 6th grade mathematics and will be prepared for continued success in their mathematical journey.	
Mathematics 6 (EDG) This course begins by connecting ratio and rate to multiplication and division, allowing students to use ratio reasoning to solve a wide variety of problems. Students further apply their understanding of multiplication and division to explain the standard procedure for dividing fractions. This course builds upon previous notions of the number system to now include the entire set of rational numbers. Students begin to understand the use of variables as they write, evaluate, and simplify expressions. They use the idea of equality and properties of operations to solve one-step equations and inequalities. In statistics, students explore different graphical ways to display data. They use data displays, measures of center, and measures of variability to summarize data sets. The course concludes with students reasoning	

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**** Required to complete the Michigan Merit Curriculum (MMC).**
 # Middle School course that can be taken for high school credit.

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about relationships among shapes to determine area, surface area, and volume.
Mathematics 6 (EDM) This middle school course will provide students with a deep understanding and mastery of the objectives that will prepare them for algebra. It is aligned to Common Core State Standards, and is based on best practices in the teaching of mathematics and the disciplines of STEM learning. Students will develop 21st century skills as they master ratios and proportional relationships; the number system; and number visualization. The course is highly engaging while being easy for teachers to customize and manage.
Mathematics 7
Mathematics 7 (GC) Welcome to Advancing 7th Grade Mathematics! This course is designed to build upon the foundational knowledge acquired in previous years and aligns with the 7th grade Common Core Standards. Students will embark on a journey of mathematical discovery, exploring advanced concepts, problem-solving strategies, and real-world applications. Throughout the course, students will participate in hands-on activities, collaborative problem-solving tasks, and exploratory projects to deepen their understanding of mathematical concepts and their applications. By the end of the course, students will have developed advanced skills in 7th grade mathematics and will be equipped with the tools necessary for continued success in higher-level mathematics.
Mathematics 7 (EDG) This course begins with an in-depth study of proportional reasoning during which students utilize concrete models such as bar diagrams and tables to increase and develop conceptual understanding of rates, ratios, proportions, and percentages. Students' number fluency and understanding of the rational number system are extended as they perform operations with signed rational numbers embedded in real-world contexts. In statistics, students develop meanings for representative samples, measures of central tendency, variation, and the ideal representation for comparisons of given data sets. Students develop an understanding of both theoretical and experimental probability. Throughout the course, students build fluency in writing expressions and equations that model real-world scenarios. They apply their understanding of inverse operations to solve multi-step equations and inequalities. Students build on their proportional reasoning to solve problems about scale drawings by relating the corresponding lengths between objects. The course concludes with a geometric analysis of angle relationships, area, and volume of both two- and three-dimensional figures.
Mathematics 7 (EDM) This course builds on material learned in earlier grades, including fractions, decimals, and percentages and introduces students to concepts they will continue to use throughout their study of mathematics. Among these are surface area, volume, and probability. Real-world applications facilitate understanding, and students are provided multiple opportunities to master these skills through practice problems within lessons, homework drills, and graded assignments.
Mathematics 8
Mathematics 8 (GC) Explore a world of numbers this year as you conquer linear equations (including those with

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**** Required to complete the Michigan Merit Curriculum (MMC).**
 # Middle School course that can be taken for high school credit.

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variables on both sides!), master rational and irrational numbers (including square and cube roots!), discover the power of the distributive property to simplify expressions, unlock the secrets of ratios and proportions, lay the foundation for functions, master converting units of measurement, and develop critical thinking skills. Aligned with the Michigan Curriculum Framework and Common Core, this course uses hands-on activities, projects, and engaging lessons to build a strong foundation for future math success.
Mathematics 8 (EDG) The course begins with a unit on input-output relationships that builds a foundation for learning about functions. Students make connections between verbal, numeric, algebraic, and graphical representations of relations and apply this knowledge to create linear functions that can be used to model and solve mathematical and real-world problems. Technology is used to build deeper connections among representations. Students focus on formulating expressions and equations, including modeling an association in bivariate data with a linear equation, and writing and solving linear equations and systems of linear equations. Students develop a deeper understanding of how translations, rotations, reflections, and dilations of distances and angles affect congruency and similarity. Students develop rules of exponents and use them to simplify exponential expressions. Students extend rules of exponents as they perform operations with numbers in scientific notation. Estimating and comparing square roots of non-perfect squares to perfect squares exposes students to irrational numbers and lays the foundation for applications such as the Pythagorean theorem, distance, and volume.
Mathematics 8 (EDM) This course is designed to enable all students at the middle school level to develop a deep understanding of math objectives and leaves students ready for algebra. The first semester covers objectives in transformations, linear equations, systems of equations, and functions. The second semester focuses on scientific notation, roots, the Pythagorean Theorem and volume, and statistics and probability. The course is based on the Common Core State Standards Initiative and on a modern understanding of student learning in mathematics.

MS SOCIAL STUDIES

- These required social studies courses for all middle school students.

Course Title & Description	Total Credit
MS World Geography 6	
World Geography 6 (GC) In this 6th-grade geography class, students will embark on an exciting exploration of world geography, delving into the diverse cultures, environments, and societies that shape our planet. Based on content standards for social studies, this course will engage students in discovering the interconnectedness of the world while fostering critical thinking, spatial awareness, and global citizenship. Throughout the year, students will: Investigate Physical Geography, Explore Human Geography, Understand Cultural Geography, and	

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 # Middle School course that can be taken for high school credit.

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Develop Geographic Skills: Throughout the course, students will enhance their map reading, interpretation, and analysis skills. They will learn how to use geographic tools such as maps, atlases, globes, GIS, and satellite imagery to gather, organize, and communicate spatial information effectively.

By the end of the course, students will gain a deeper understanding of the complex interplay between physical and human geography, as well as the skills and perspectives necessary to navigate an increasingly interconnected and diverse world. They will be empowered to engage critically, ethically, and responsibly with global issues and become active participants in shaping the future of our planet.

This course aligns with the Michigan Content Standards which includes the C3 Framework and, ensuring a well-rounded learning experience.

World Geography 6 (EDG) This yearlong course covers ancient peoples, cultures, civilizations, and innovations through approximately 300 CE. Students are introduced to historical inquiry skills for application to studies of ancient civilizations. Students explore physical and human geography to explain how ancient people interacted with the environment and understand how civilizations developed. Students study early economies and how trade relations affected culture and language. In later lessons, students examine how early forms of government and technology have had a lasting influence on modern civilization. Throughout the course, students analyze maps and primary sources to identify patterns and make connections across time and space. Students are exposed to diverse cultures and learn to explore the past with historical empathy.

World Geography 6 (EDM) In Middle School World Geography, learners will review the tools and mental constructs used by historians and geographers. They will develop an understanding of the global world and will study contemporary geography of the Eastern Hemisphere. Contemporary civics/government and economics content is integrated throughout the year. As a capstone, the students will conduct investigations about past and present global issues. Using significant content knowledge, research, and inquiry, they will analyze the issue and propose a plan for the future. As part of the inquiry, they compose civic, persuasive essays using reasoned argument.

MS World History and Geography 7

MS World History & Geography 7 (GC) In this world history class, students will embark on an exciting journey through the major historical events, civilizations, and developments from human origins to the Age of Exploration. Grounded in the 7th-grade content standards for world history, this course will integrate the C3 (College, Career, and Civic Life) framework to foster critical thinking, inquiry skills, and civic engagement.

Throughout the year students will Explore Human Origins and Early Civilizations, Study Ancient Empires, and Examine Global Interactions.

By the end of the course, students will gain a deeper understanding of the foundations of human civilization and the interconnectedness of world history. They will be equipped with the skills and perspectives necessary

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**** Required to complete the Michigan Merit Curriculum (MMC).**
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to engage critically with the past and participate actively in civic life.

This course aligns with the Michigan Content Standards which includes the C3 Framework and, ensuring a well-rounded learning experience.

MS World History & Geography 7 (EDG) Designed to introduce students to the study of geography, this course helps students master important concepts in physical and human geography. Comprehensive and organized by region, this two-semester middle school course helps students understand the Earth's physical and human diversity. Students analyze population and settlement patterns and evaluate the ways that human activities modify the physical environment. While studying humans around the world, students compare development, standards of living, systems of government, and economic factors across the globe. In addition, students gain a rich understanding of global cultures and the historical factors that have shaped the world around them. All units in the course are parallel and include studies in physical and human geography, ancient cultures, regional studies, and modern issues.

MS World History & Geography 7 (EDM) The first half of this course is designed to strengthen your understanding of world history and geography. In the first unit, you will learn about ancient civilizations and the origins of world religions. In the second unit, you will learn about Chinese, Indian, and Mediterranean civilizations. In the third unit, you will study the collapse of several major world empires and the development of civilizations in eastern Asia and western Europe during the Middle Ages. You will also explore the Mesoamerican, Andean, and African civilizations. Finally, you will learn about the impact of European colonialism and the slave trade.

The second half of this course you will continue to strengthen your understanding of world history and geography. The first unit reviews the major political revolutions that shaped the world. The second unit focuses on the impact nationalism and imperialism have had on the world. In the third unit, you will study the causes, effects, and major events of the World Wars. The fourth unit explains the growth of communism and the development of Cold War politics. You will also study decolonization in Asia and Africa and the rise of nationalism. In the last unit, you will learn about the effects of globalization and the global threat of terrorism.

MS US History 8

US History 8 (GC) Dive into the thrilling narrative of the United States! This year-long adventure takes you from the lives of early Native Americans through the dramatic birth of a nation and its transformation into an industrial giant by the late 1800s. Witness firsthand the American Revolution's fight for independence, the challenges of westward expansion and slavery, and the nation's struggle for unity during the Civil War. Explore the rise of factories, bustling cities, and new waves of immigration that shaped the American identity.

Develop critical thinking skills like analyzing historical documents and images, formulating arguments based on evidence, and collaborating with classmates. Hone your communication skills through presentations and discussions. Master research techniques to uncover the fascinating stories of the past.
This course aligns with the Michigan Content Standards which includes the C3 Framework and, ensuring a

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** Required to complete the Michigan Merit Curriculum (MMC).
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well-rounded learning experience.
US History 8 (EDG) Offering an interactive and comprehensive overview of American history, this course engages and inspires students to learn about the rich and diverse history of America's native peoples, early European colonization and settlement in America, and the creation of a new nation through the American Revolution. Middle school students enrolled in this course will closely examine major changes brought about by the nation's reconstruction, industrialization, urbanization, and progressive reforms and consider the implications each of these events had on the expansion of the United States' global influence through modern times. Over the course of two semesters, interesting course content encourages students to think carefully about the challenges and opportunities facing the United States in the twenty-first century.
US History 8 (EDM) Middle School U.S. History and Geography delivers instruction, practice, and review designed to build middle school students' knowledge of U.S. history, from the peopling of North America through the era of Reconstruction. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content. By constantly honing their ability to analyze history, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test. The two-semester course is arranged in themed units, each with three to five lessons. In each unit, activities make complex ideas about U.S. history accessible through focused content, guided analysis, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. Middle School U.S. History and Geography is built to state standards and informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards.

MS SCIENCE

- These required science courses for all middle school students.

Course Title & Description	Total Credit
MS Science 6	

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**** Required to complete the Michigan Merit Curriculum (MMC).**
 # Middle School course that can be taken for high school credit.

MICHIGAN INTERNATIONAL PREP SCHOOL

MS Science 6 (GC) Welcome to the exciting world of 6th-grade science! In this course, students will embark on an adventure through various scientific phenomena that shape our world. From understanding the intricacies of weather patterns to exploring the impact of catastrophic events, students will delve into a diverse range of topics, including hurricanes, biomes, natural selection, physics, Newton's laws, ecosystems, abiotic and biotic factors, and environmental impacts.

Our curriculum is designed to foster curiosity and critical thinking through engaging, hands-on activities and STEM projects. Students will have the opportunity to explore these topics through a multitude of platforms, including Nearpod, Edpuzzle, Google Slides, Forms, Gimkit, and Blooket, ensuring a dynamic and interactive learning experience.

MS Science 6 (EDG) Examining a broad spectrum of the biological sciences, Life Science is a full-year course for middle school students that builds on basic principles of scientific inquiry and translates those skills to more complex, overarching biological themes. The course includes units that help students understand the definitions, forms, and classifications of living organisms and learn to analyze the diversity of each unique group of living organisms. Other units introduce students to the structures and functions of cells, cell theory, and cell reproduction. These larger themes are then applied to other topics, such as genetics, Darwinian theory, and human biology and health. An introduction of ecology draws all of these concepts together to
examine the interrelationships that help to maintain life on Earth.

MS Science 6 (EDM) Middle School Life Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including the relationship between structure and function, the flow of energy and matter through living systems, heredity, and the diversity of life.

The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.

This course is aligned to state standards.

MS Science 7

MS Science 7 (GC) Dive into a universe of discovery as we explore fascinating topics ranging from the mysteries of space to the intricacies of the human body. This course promises an engaging and immersive experience designed to ignite curiosity and inspire a lifelong love for science.

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**** Required to complete the Michigan Merit Curriculum (MMC).**
 # Middle School course that can be taken for high school credit.

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Throughout the year, students will delve into a diverse array of subjects, including space exploration, planetary systems, stars, plant and animal cells, inherited traits, mitosis & meiosis, continental drift, volcanoes, erosion, and the human body systems. Each topic is carefully crafted to captivate students' imaginations and deepen their understanding of the world around them. Our curriculum is designed to foster curiosity and critical thinking through engaging, hands-on activities and STEM projects. Students will have the opportunity to explore these topics through a multitude of platforms, including Nearpod, Edpuzzle, Google Slides, Forms, Gimkit, and Blooket, ensuring a dynamic and interactive learning experience.

MS Science 7 (EDG) Students enrolled in this dynamic course explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible and volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course that provides a solid foundation for understanding the physical characteristics that make the planet Earth unique and examines how these characteristics differ among the planets of our solar system.

MS Science 7 (EDM) Middle School Physical Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including the interactions of matter; motion and stability; waves and their technological applications; and energy.

The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.

Science 8

MS Science 8 (GC) Eighth grade science is a fascinating journey into the building blocks of our world and the forces that shape it!

We'll delve into the world of matter, exploring its different forms and how it behaves. The periodic table, a scientist's roadmap to the elements, will become your guide. We'll witness the magic of chemical reactions, where substances transform into something entirely new!

But science isn't just about what things are made of - it's also about how they move and interact. We'll explore the world of energy, from the tiniest vibrations of light and sound waves to the invisible forces of magnets.

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**** Required to complete the Michigan Merit Curriculum (MMC).**
 # Middle School course that can be taken for high school credit.

MICHIGAN INTERNATIONAL PREP SCHOOL

Get ready to ask questions, experiment, and discover the wonders of science!
MS Science 8 (EDG) This full-year course focuses on basic concepts in chemistry and physics and encourages exploration of new discoveries in the field of physical science. The course includes an overview of scientific principles and procedures and has students examine the chemical building blocks of our physical world and the composition of matter. Additionally, students explore the properties that affect motion, forces, and energy on Earth. Building on these concepts, the course covers the properties of electricity and magnetism and the effects of these phenomena. As students refine and expand their understanding of physical science, they will apply their knowledge to complete interactive virtual labs that require them to ask questions and create hypotheses. Hands-on wet lab options are also available.
MS Science 8 (EDM) Middle School Earth and Space Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including Earth's systems, engineering design, the nature of the universe, and the interaction between humans and the environment. The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. This course is built to state standards.

MS WORLD LANGUAGE

- Students who are ready for a world language in middle school will take the high school version and receive high school credit upon successful completion of the course.

Course Title & Description	Total Credit
Spanish I #	1

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**** Required to complete the Michigan Merit Curriculum (MMC).**
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MICHIGAN INTERNATIONAL PREP SCHOOL

Spanish I (EDG) Students begin their introduction to high school Spanish with fundamental building blocks in four key areas of world language study: listening comprehension, speaking, reading, and writing . Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas .	
Spanish I (EDM) Learning a language is a multi-faceted experience in which you are introduced to a whole new set of words and ways of expressing yourself with words, along with new cultures formed by people who have been speaking that language for centuries. The Spanish-speaking world is vast and rich, spanning Spain in the Iberian Peninsula and many parts of North, Central, and South America, all with varied ethnic and political histories and cultures. In the first half of this course you'll be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of your social life. You'll start with basic sentence structures and grammatical tools, and you'll learn to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In the second half of this course you'll be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. You'll also describe various art forms, plays, concerts, and movies. You'll discuss health and well-being and travel and tourism. You'll build on what you learned in the first half of the course to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish-speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.	
Spanish II #	1
Spanish II (EDG) High school students continue their introduction to Spanish with fundamental building blocks in four key areas of world language study: listening comprehension, speaking, reading, and writing . Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments .	
Spanish II (EDM) In the first half of Spanish II you'll be reintroduced to Spanish in common situations, beginning with describing classes, school friends, teachers, and school supplies. You'll discuss different	

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**** Required to complete the Michigan Merit Curriculum (MMC).**
 # Middle School course that can be taken for high school credit.

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styles of dressing, housing and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employers. You'll also describe daily personal routines and schedules, household chores and family responsibilities. Finally, you'll discuss different types of cuisine, dining establishments, and dining etiquette. You'll build on what you learned in Spanish I to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

French I #	1

French I (EDM) In the first half of the course, you'll be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of your social life. You'll start with basic sentence structures and grammatical tools, and you'll communicate by listening, speaking, reading, and writing in French as you internalize new vocabulary and grammar. You'll also learn about some regions of the French speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your French studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In the second half of this course, you'll be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. You'll also describe various art forms, plays, concerts, and movies. You'll discuss health and well-being, and travel and tourism. You'll build on what you learned in the first half of the course and communicate by listening, speaking, reading, and writing in French as you internalize new vocabulary and grammar. You'll also learn about some regions of the French-speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your French studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

French II (EDM) Learning a language is a multi-faceted experience in which you are introduced to a whole new set of words and ways of expressing yourself with words, along with new cultures formed by people who have been speaking that language for centuries. The French-speaking world spans France, Monaco, and parts of Belgium, Switzerland, and Luxembourg in Europe, as well as parts of the United States, Canada, and various African countries, all with varied ethnic and political histories and cultures.

In the first half of this course you'll be reintroduced to French in common situations, beginning with describing classes, school friends, teachers, and school supplies. You'll discuss different styles of dressing, housing and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employers. You'll also describe daily personal routines and schedules, household chores and family responsibilities. Finally, you'll discuss different types of cuisine, dining establishments and dining etiquette. You'll build on what you learned in the French 1B course to communicate by listening, speaking,

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 # Middle School course that can be taken for high school credit.

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reading, and writing in French as you internalize new vocabulary and grammar. You'll also learn about some regions of the French-speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your French studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In the second half of course you'll be reintroduced to French in common situations, beginning with various professions and career plans for the future. You'll discuss traveling to different regions and the flora and fauna found in each region and describe different types of trips, including road trips, camping, and ecotourism. You'll also describe different hobbies, activities, and crafts that people enjoy. Finally, you'll discuss different medical specialists, including dentists and veterinarians, and describe symptoms related to illness and injury. You'll build on what you learned in the French 2A course to communicate by listening, speaking, reading, and writing in French as you internalize new vocabulary and grammar. You'll also learn about some regions of the French speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your French studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

German I #	1

German I (EDM) Learning a language is a multi-faceted experience in which you are introduced to a whole new set of words and ways of expressing yourself with words, along with new cultures formed by people who have been speaking that language for centuries. The German-speaking world spans Germany, Austria, Switzerland, Luxembourg, and Liechtenstein in Europe, as well as many other parts of the world. In the first half of this course you'll be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of your social life. You'll start with basic sentence structures and grammatical tools, and you'll communicate by listening, speaking, reading, and writing in German as you internalize new vocabulary and grammar. You'll also learn about some regions of the German speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your German studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In the second half of this course you'll be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. You'll also describe various art forms, plays, concerts, and movies. You'll discuss health and well-being, and travel and tourism. You'll build on what you learned in the German 1A course to communicate by listening, speaking, reading, and writing in German as you internalize new vocabulary and grammar. You'll also learn about some regions of the German-speaking world that the central characters of each unit are visiting. You will build on this semester's work as you advance in your German studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

German II (EDM) Learning a language is a multi-faceted experience in which you are introduced to a whole

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** Required to complete the Michigan Merit Curriculum (MMC).
# Middle School course that can be taken for high school credit.

MICHIGAN INTERNATIONAL PREP SCHOOL

new set of words and ways of expressing yourself with words, along with new cultures formed by people who have been speaking that language for centuries. The German-speaking world spans Germany, Austria, Switzerland, Luxembourg, and Liechtenstein in Europe, as well as many other parts of the world. ‘ In the first half of the course you'll be reintroduced to German in common situations, beginning with describing classes, school friends, teachers, and school supplies. You’ll discuss different styles of dressing, housing and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. You’ll also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, you’ll discuss different types of cuisine, dining establishments, and dining etiquette. You'll build on what you learned in the German I course to communicate by listening, speaking, reading, and writing in German as you internalize new vocabulary and grammar. You'll also learn about some regions of the German-speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your German studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In the second half of this course you'll be reintroduced to German in common situations, beginning with various professions and career plans for the future. You’ll discuss traveling to various regions and the flora and fauna found in each region and describe types of trips, including road trips, camping, and ecotourism. You’ll also describe hobbies, activities, and crafts that people enjoy. Finally, you’ll discuss medical specialists, including dentists and veterinarians, and symptoms related to illness and injury. You'll build on what you learned in the first half of this course to communicate by listening, speaking, reading, and writing in German as you internalize new vocabulary and grammar. You'll also learn about some regions of the German-speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your German studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.	
American Sign Language (ASL) #	1
American Sign Language I (EDM) Did you know that American Sign Language (ASL) is the third most commonly used language in North America? In the first half of this course you will learn introductory vocabulary and simple sentences so that you can start communicating right away. Importantly, explore Deaf culture – social beliefs, traditions, history, values, and communities influenced by deafness. In the second half of this course you will discover more of this language and its grammatical structures through expanding your vocabulary as you acquire hundreds of new signs. Additionally, explore interesting topics like Deaf education and Deaf arts and culture, and learn about careers where you can use your ASL skills.	
American Sign Language II (EDM) It’s time to move beyond introductory ASL signs and start forming more compelling signs for communication. In the first half of this course you will explore how expressions can enhance signs and lend dimension to conversations, while learning vocabulary for descriptions, directions, shopping, making purchases, and dealing with emergencies.	

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Ready to dive deeper into learning about the Deaf community, culture, and language? In the second half of this course you will be advancing your communication skills. Learn about sequencing, transitions, role-shifts, and future tenses. Discover how to tell a story and ask questions, benefiting with greater exposure to deaf culture. Speed, conversations, signing skills, and cultural awareness are characteristics of this course.

MIDDLE SCHOOL ELECTIVES

- This is the list of electives of which students need to take 2 to 4 in order to have a total of ten courses for the school year.
- Once you have scheduled the basic courses for each grade level (marked with a 6, 7, or 8) then you may choose from additional courses here.

Course Title & Description	Total Credit
MS Guitar	
MS Guitar I (GC) This year-long course is for students with little to no experience in playing with a pick or reading music. All Guitar students will benefit from weekly FREE one-on-one virtual Guitar lessons with an expert instructor. In addition to the required private lessons, Guitar students will also attend a weekly 45-minute Zoom Guitar class with other students at their level. Each week there will be a short instructional video to watch and lesson material to be practiced. Guitar students are expected to practice at least 15-20 minutes a day, 3-4 days each week to achieve progress and be prepared for their private lessons. Students in this course are required to have a 6-string guitar, either electric or acoustic; an electronic tuner; and a Pick. If needed, MIPS does rent student level guitars for a low monthly rate.	
MS Guitar II (GC) This year-long course is for students who can play using a pick, read Guitar music on all 6 strings in the First position, and can form basic chords. All Guitar 2 students will benefit from weekly FREE one-on-one virtual Guitar lessons with an expert instructor. In addition to the required private lessons, Guitar 2 students will also attend a weekly 45-minute Zoom Guitar class with other students at their level. Each week there will be a short instructional video to watch and lesson material to be practiced. Guitar 2 students are expected to practice at least 15-20 minutes a day, 3-4 days each week to achieve progress and be prepared for their private lessons. Students in this	

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course are required to have a 6-string guitar, either electric or acoustic; an electronic tuner; and a Pick. If needed, MIPS does rent student level guitars for a low monthly rate. Once registered, your MIPS Guitar instructor will help assign you to the appropriate level of study.
MS Piano
MS Beginning Piano I, Levels 1-3 (GC) All piano students will benefit from one-on-one required weekly virtual piano lessons with an expert instructor. In addition to the private lessons, piano students will have a required weekly 30-minute Zoom class with students that are at the same level of piano study, and there will be a short instructional video to watch each week. Piano students are expected to practice at least 15 minutes a day 3-4 days each week in order to demonstrate progress and be prepared for private lessons. The Beginning Piano course offers 3 levels of study. Level One is for students with little to no experience. Level Two and Level Three are for students that typically have 1-2 years of piano training. Your MIPS Piano instructor will help assign you to the appropriate level of study. Students in this course are required to have a digital or acoustic piano with a minimum of 76 keys. MIPS does rent out 88-key digital pianos for a low monthly rate.
MS Intermediate Piano II (GC) All piano students will benefit from one-on-one required weekly virtual piano lessons with an expert instructor. In addition to the private lessons, piano students will have a required weekly 30-minute Zoom class with students that are at the same level of piano study, and there will be a short instructional video to watch each week. Intermediate level piano students are expected to practice at least 30 minutes a day 5 days each week in order to demonstrate progress and be prepared for private lessons. The Intermediate Piano course offers 3 levels of study. Level Four is for students with typically approximately 3 years of piano training. Level Five and Six are for students that have a strong ability and motivation to study piano and typically have 5-6 years of piano training. Your MIPS Piano instructor will help assign you to the appropriate level of study. Students in this course are required to have a digital or acoustic piano with 88 keys and touch sensitivity. MIPS does rent out 88-key digital pianos for a low monthly rate.
MS Sports
MS Fitness Basics (EDM) This course provides students with a basic understanding of fitness and nutrition. Students will learn about exercise safety, team and individual sports, nutrition, and the importance of staying active throughout their lifetime. Students conduct fitness assessments, set goals, develop their own fitness program, and participate in weekly physical activity.

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Introduction to Individual Sports I (EDM) This course provides students with an overview of individual sports. Students learn about a variety of sports, yet do an in-depth study of running, walking, strength training, yoga, Pilates, dance, water sports, and cross- training. Students learn the history, rules, and guidelines of each sport, and practice specific skills related to each sport. Students also learn about the components of fitness, FITT principles, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments and participate in weekly physical activity.
Introduction to Individual Sports II (EDM) This course provides students with an overview of individual sports. Students learn about a variety of sports, yet do an in-depth study of running, walking, strength training, yoga, Pilates, dance, water sports, and cross- training. Students learn the history, rules, and guidelines of each sport, and practice specific skills related to each sport. Students also learn about the components of fitness, FITT principles, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments and participate in weekly physical activity.
MS Career Explorations I
Career Explorations I (EDM) What career are you best suited for? In this course, students will explore career options in many different fields including business, health science, public administration, the arts, and information technology. This course allows students to begin exploring options in fields such as teaching, business, government, hospitality, health science, IT, and more in order to find a pathway that works best for them.
MS Career Explorations II
Career Explorations II (EDM) This course prepares middle school students to make informed decisions about their future academic and occupational goals. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn how to assess their own skills and interests, explore industry clusters and pathways, and develop plans for career and academic development.
MS Coding
MS Coding 1a: Introduction (EDM) 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 1a, you will get an introduction to the basics of computer science, HTML, CSS, JavaScript, and Python. You'll leave the course with a portfolio of work you can show off!
MS Coding 1b: Learning Python and Javascript (EDM) Let's take the coding skills you learned in the previous course to the next level! You'll expand your knowledge with Advanced Python, HTML, and JavaScript. You'll further build out your portfolio and start thinking about a career in the fast-growing IT field.
MS Computer Science
Exploring Technology I - CodeHS (GC) A beginner computer science course introducing the basics of

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programming. Students will start by learning to code using fun, interactive characters—Karel the Dog and Tracy the Turtle. They'll use simple commands to guide Karel through puzzles and challenges while exploring JavaScript. Then, they'll learn Python by programming Tracy to draw shapes, patterns, and animations. Students also create a personal portfolio website in HTML and CSS showcasing projects they build throughout the course.throughout the course.

Exploring Technology II - CodeHS (GC) Building on Exploring Technology 1, this course is designed for students with prior computer science experience who want to take their skills to the next level. Students will explore web design, game development, and artificial intelligence, using hands-on projects to create interactive websites, digital games, and AI-powered applications. They will learn how AI generates content, analyze data to make informed decisions, and experiment with creative coding techniques. Along the way, students will tackle problem-solving challenges, discuss the ethics of AI, and build a digital portfolio to showcase their work.

MS Digital Art A & B

MS Digital Art A & B (GC) Welcome to Digital Art Class! Develop your digital art knowledge and skills! This course is an introduction to applications and platforms that allows students to explore a variety of creative digital art activities. These may include the creation of photographs, videos, graphic designs, and illustrations. Gain an understanding of what creates an eye-catching photo, learn how video game designers plan and develop work, and build a portfolio of digital images. Please note that 75 percent of assignments in this course will be created digitally (using a computer or iPad), while 25 percent of assignments will use a sketchbook to plan and document ideas.

MS Drawing & Painting A & B

Drawing & Painting A & B (GC) Welcome to Drawing and Painting! Ever wonder how you can grow your artistic abilities? In this course, students will be learning about different artists from around the world while planning, creating, and reflecting on their own art. Using the tools, tricks and techniques of professional artists, students will create people and objects that leap off the page. Students will use their sketchbook to put down ideas and impressions. We'll be learning how to analyze, interpret and evaluate art. Best of all, students will create a sketchbook portfolio of work that demonstrates their own skill and growth as an artist.

MS Exploring Music

MS Exploring Music A & B (EDM) You will learn about how we hear music; how music affects our lives; important elements of music like rhythm, pitch, and harmony; different musical genres; singing and your voice; various instruments; music composition; and 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!

MS Health

MS Health (EDM) Middle School Health aids students in creating a foundation of personal health. Beginning

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with properly defining health, this course then builds upon basic health practices to emphasize the importance of balance. Attention is given to each of the six dimensions of wellness; namely, physical, intellectual, emotional, spiritual, social, and environmental. Students are taught the skills necessary to improve every aspect of health. They are also encouraged to reflect upon their own personal wellness each week.
MS Health Careers (EDM) In Health Careers I, students explore a variety of career options related to the health care field, including medicine, nursing, physical therapy, pharmacy, dental careers, sports medicine, personal training, social work, psychology, and more. Students will learn about various options within each field, what each of these jobs' entails, and the education and knowledge required to be successful. In addition, they will focus on basic job skills and information that would aid them in health care and other career paths.
MS Journalism A
MS Journalism A (EDM) Who? What? When? Where? Journalism provides us with the answers to these questions for the events that affect our lives. In this course, students will learn how to gather information, organize ideas, format stories for different forms of news media, and edit their stories for publication. The course will also examine the historical development of journalism and the role of journalism in society.
MS Journalism B (EDM) In this course, students will learn how to gather information, organize ideas, format stories for different forms of news media, and edit their stories for publication. The course will also examine the historical development of journalism and the role of journalism in society.
MS Photography
MS Photography A: Introduction (EDM) A picture is worth a thousand words." Photographs play an important role in our world today. We photograph to preserve memories, document events, and create artistic works. This course introduces students to the basics of photography, including camera functions and photo composition. Students will learn what it takes to create a good photograph and how to improve photographs of animals, people, and vacations. They will also begin working with their photographs using photo-editing software. Through a variety of assigned projects, students will engage their creativity by photographing a range of subjects and learning to see the world through the lens of their cameras.
MS Photography: Drawing with Light B (EDM) In this course students will begin working with their photographs using photo-editing software. Through a variety of assigned projects, students will engage their creativity by photographing a range of subjects and learning to see the world through the lens of their cameras.
MS Theatre
MS Theater (GC) In this class, students will continue their study of the basic concepts and begin to refine

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their presentational skills. Students will use various creative drama techniques to build ensembles, stimulate imagination, movement, and role-play with an emphasis on believability and sensory awareness. Students will use observation and emotional memory to reveal thoughts and feelings and to build believable characters and situations. Students will learn and use drama and theatre vocabulary in class discussions and the activities will address the promotion and reinforcement of students' literacy skills.

MS Vocal Techniques

MS Vocal Techniques (GC) If you want to become a better singer then this course is for you! In this course you will benefit from required one-on-one private lessons with an expert instructor. In addition to the private lessons, voice students will have a weekly required interactive 60-minute Zoom class with other voice students, and there will be a short instructional video to watch each week with an assignment to go with it. Students that demonstrate good effort in this course are guaranteed to improve their understanding and skills as a singer.

MS World Drumming

MS World Music Drumming (GC) PREREQUISITE: Successful completion of 1 year of MIPS School Of The Arts. In this exciting and interactive course students will learn how to perform hand drumming songs from West Africa, the Caribbean, and other world music cultures. The purpose of this course goes well beyond training students to become accomplished percussionists and into the realm of creating a community of students that gain an appreciation and high level of respect for various world cultures. Members of our World Music Drumming course will be known as the MIPS Thunder Drummers and will create exceptional performance videos that will be placed on YouTube. Students in this course will receive on loan a quality drum and other instruments to practice and perform with.

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