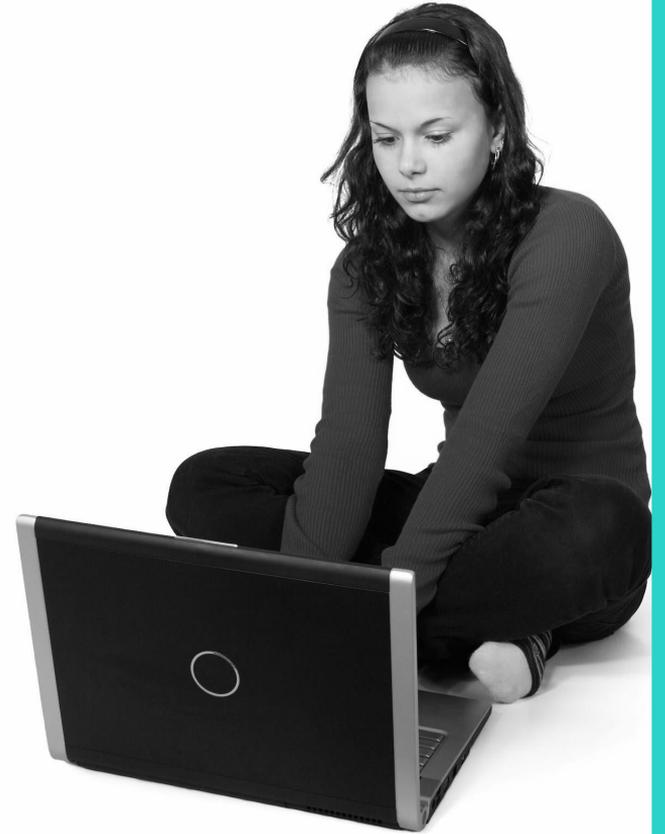


Sahuarita Digital Pathways Academy Course Catalog

2022-2023



Check out our
Middle School and
High School
Course Plans at

bit.ly/mshsplans

ENGLISH

English courses are required each year throughout a student's middle and high school career.

Course Offerings



Middle School

- Language Arts 6
 - Language Arts 6 Advanced
- Language Arts 7
 - Language Arts 7 Advanced
- Language Arts 8
 - Language Arts 8 Advanced

High School

- English 9
 - Honors English 9
- English 10
 - Honors English 10
- English 11
 - Honors English 11
- English 12
 - Honors English 12
- AP English Language & Composition
- AP English Literature & Composition
- Expository Reading & Writing

Course Offerings



Middle School

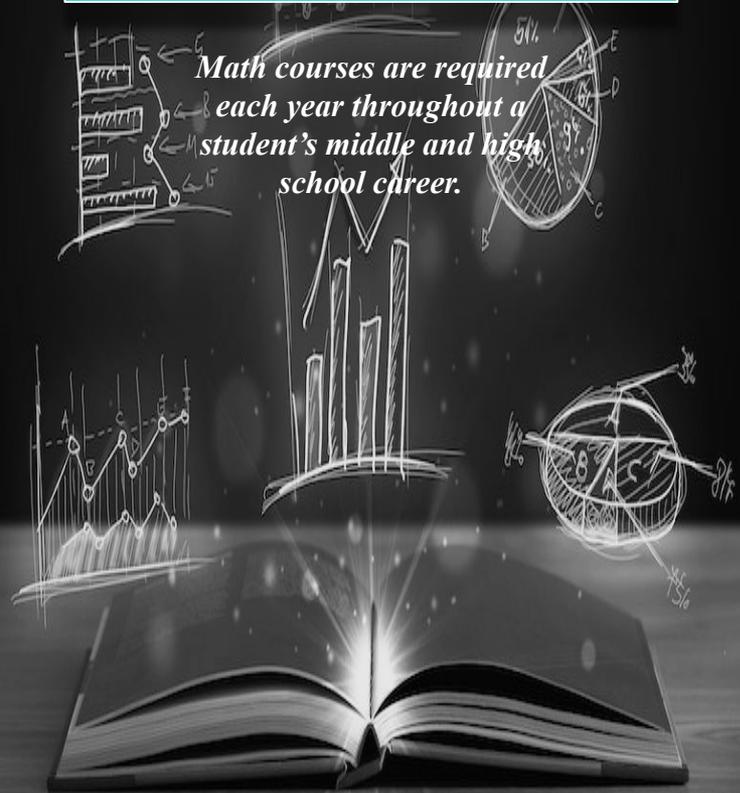
- 6th Grade Math
 - 6th Grade Accelerated Math (7th Grade Math)
- 7th Grade Math
- Pre-Algebra (8th Grade Math)
- High School Algebra I
- High School Geometry
 - High School Honors Geometry

High School

- Algebra 1
- Geometry
 - Honors Geometry
- Algebra 2
 - Honors Algebra 2
- Financial Math
- Statistics
- Pre-Calculus
 - Honors Pre-Calculus
- AP Calculus
- AP Statistics

MATH

Math courses are required each year throughout a student's middle and high school career.



SCIENCE

Science courses are required each year in Middle School.

High School students need 3 years of science in order to meet graduation requirements.



Course Offerings



Middle School

- MS Science 6
- MS Science 7
- MS Science 8

High School

- Biology
- Honors Biology
- Freshman Physics
- Earth & Space Science
- Environmental Science
- Chemistry
- Honors Chemistry
- Physics
- Honors Physics
- Environmental Science
- AP Environmental Science
- Human Anatomy & Physiology

SOCIAL STUDIES

Social Studies courses are required each year in Middle School.

High School students need 3 years of Social Studies courses (US History, World History, Government/Economics) in order to meet graduation requirements.

Course Offerings



Middle School

- MS Social Studies 6
- MS Social Studies 7
- MS Social Studies 8

High School

- World History
- US History
- AP US History (elective)
- Economics
- Government

ELECTIVES

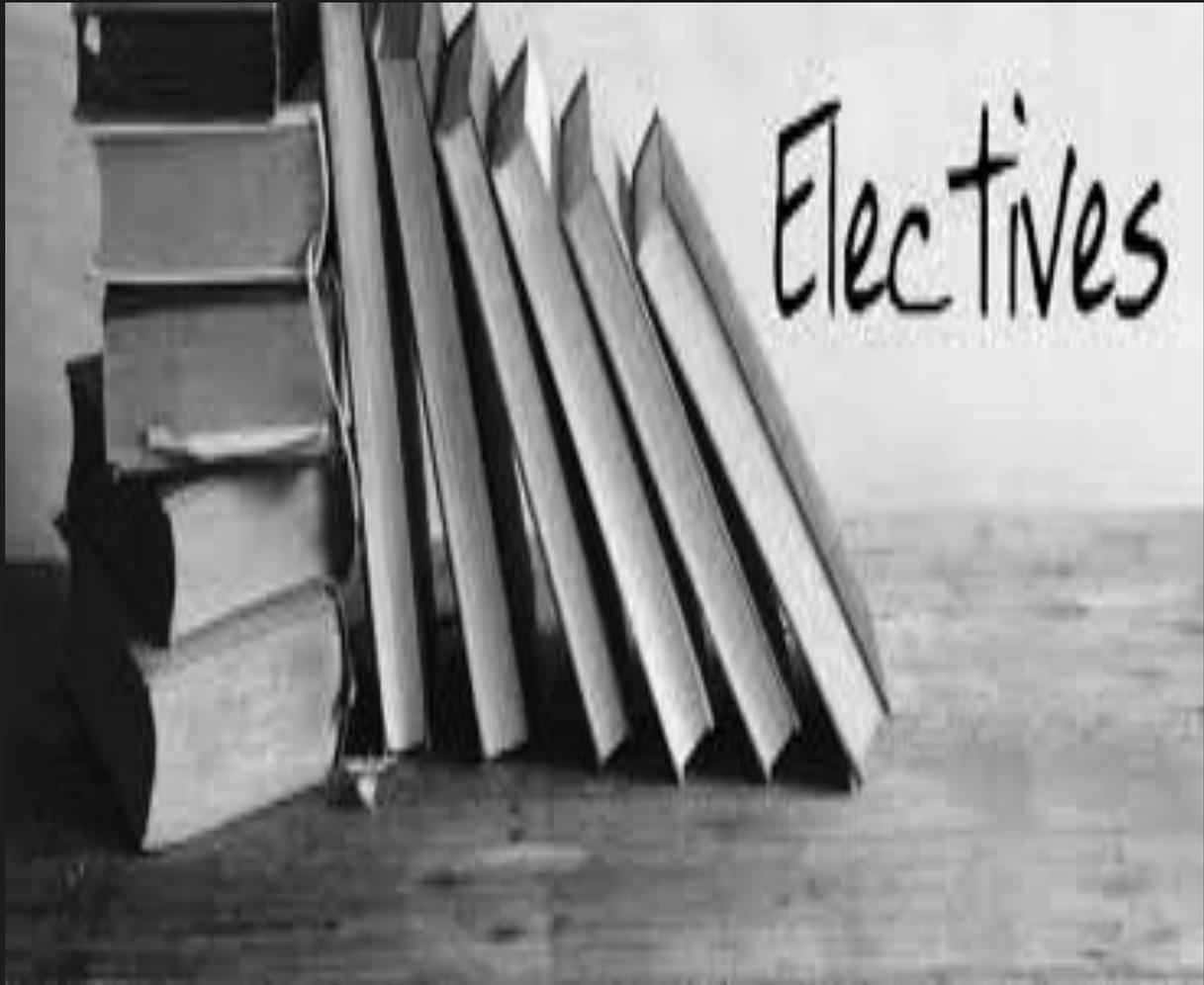
Elective courses allow students to explore a variety of topics.

Middle School students may choose from a grade level elective or a foreign language.

They will also have a class period designated for working on their i-Ready Reading and Math personalized instructional paths.



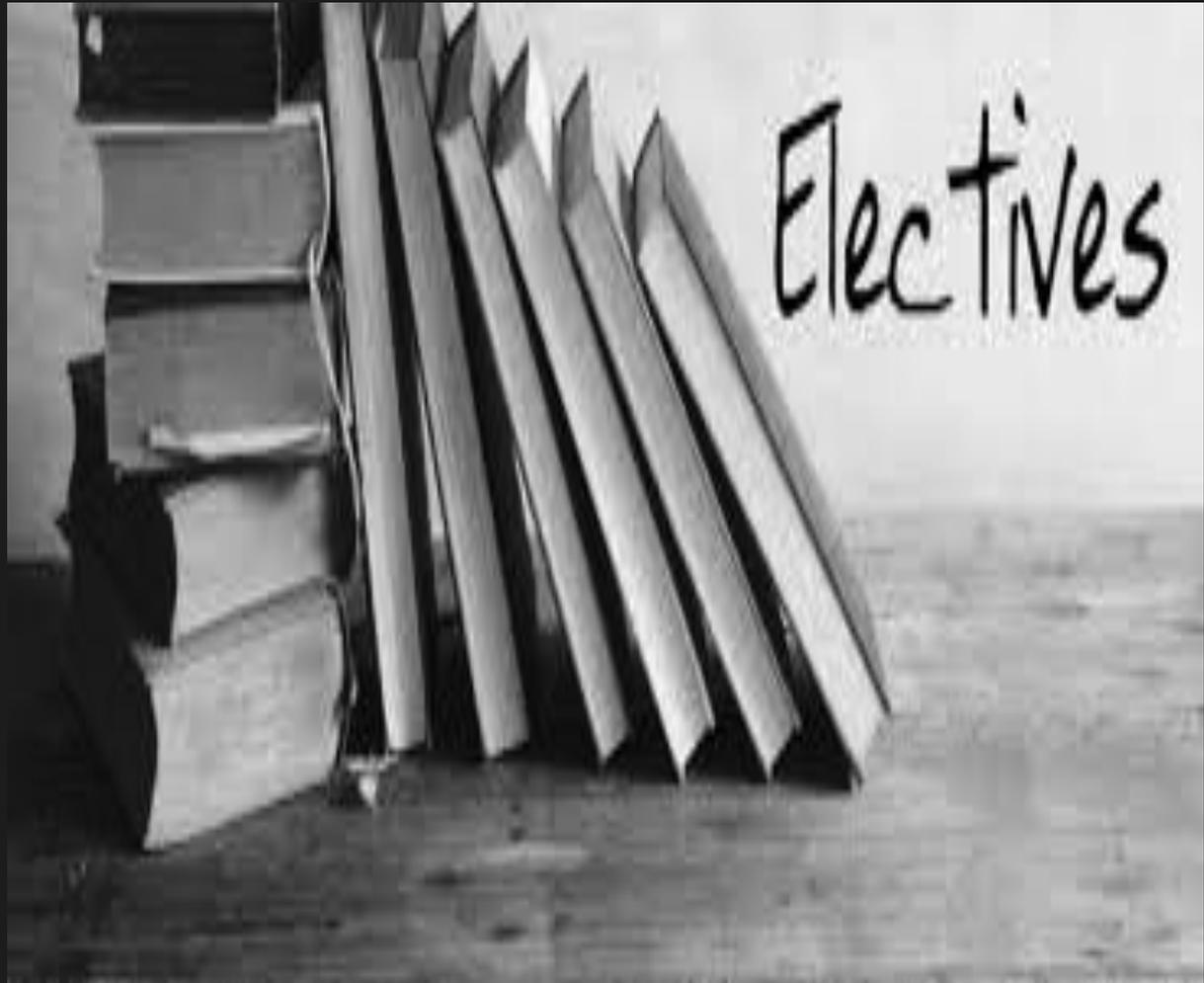
High School students need 6.0 units of Elective credit in order to meet graduation requirements.



Middle School Elective Course Offerings



- Online Learning & Digital Citizenship
- Career Exploration, Year 1
- Career Exploration, Year 2
- MS Spanish 1
- MS Spanish 2
- High School Spanish 1



High School Elective Course Offerings

Fine Art Electives (1 year of a fine art credit required for out of state university admissions)

- Art History I
- Visual Arts

Foreign Language (Two consecutive years of the same language required for university admissions)

- Spanish I, II, or III

General Electives

- Biology (if taken as a 4th science course)
- Career Exploration
- Chemistry (if taken as a 4th science course)
- Contemporary Health
- Earth and Space Science (if taken as a 4th science course)
- Environmental Science (if taken as a 4th science course)

General Electives

- Expository Reading & Writing (if taken as a 5th English course)
- Health Science Concepts
- Human Anatomy (if taken as a 4th science course)
- Intro to Business
- Intro to Information Technology
- Intro to Communications & Speech
- Intro to Health Science
- Medical Terminology
- Nursing Assistant
- Personal Finance
- Pharmacy Technician
- Psychology
- Physics (if taken as a 4th science course)
- Physical Education 1 (1 year of P.E required to graduate)
- Physical Education 2
- Sociology
- Strategies for Academic Success
- Teacher Assistant

High School Elective Course Offerings

AP Courses

- AP Calculus (when taken as a 5th math)
- AP Environmental Science (when taken as a 4th science)
- AP English Language & Composition (when taken as a 5th English)
- AP Psychology
- AP Statistics (when taken as a 5th math)
- AP US History (when taken as a 4th social studies)

ASU Prep Digital Courses

- American Sign Language I and II
- French II
- German II

ENGLISH

English courses are required each year throughout a student's middle and high school career.

Language Arts 6

Prerequisite: None

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.

Language Arts 6 Advanced

Prerequisite: Teacher recommendation and/or satisfactory 5th Grade i-Ready and Report Card Scores

Students expand on the topics covered in Language Arts 6 via in-depth projects and assignments.

Language Arts 7

Prerequisite: Language Arts 6

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.

Language Arts 7 Advanced

Prerequisite: Language Arts 6 Advanced

Students expand on the topics covered in Language Arts 7 via in-depth projects and assignments.



ENGLISH

English courses are required each year throughout a student's middle and high school career.

Language Arts 8

Prerequisite: Language Arts 7

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, 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.

Language Arts 8 Advanced

Prerequisite: Language Arts 7 Advanced

Students expand on the topics covered in Language Arts 8 via in-depth projects and assignments.



ENGLISH

English courses are required each year throughout a student's middle and high school career.

English 9

Prerequisite: None

This freshman-year English course engages students 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, and Maya Angelou round out the course.

English 9 Honors

Prerequisite: Teacher recommendation and/or As/Bs in 8th Grade Language Arts

Students expand on the topics covered in English 9 via in-depth projects and assignments.

English 10

Prerequisite: English 9

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 eWriting software, students also compose descriptive, persuasive, expository, literary analysis, research, narrative, and compare-contrast essays.

English 10 Honors

Prerequisite: English 9

Students expand on the topics covered in English 10 via in-depth projects and assignments.



ENGLISH

English courses are required each year throughout a student's middle and high school career.

English 11

Prerequisite: English 9 & English 10

This junior-year English course invites students to delve into American literature from early American Indian 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 Honors

Prerequisite: English 9 & English 10

Students expand on the topics covered in English 11 via in-depth projects and assignments.

English 12

Prerequisite: English 9, 10, & 11

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 Honors

Prerequisite: English 9, 10, & 11

Students expand on the topics covered in English 12 via in-depth projects and assignments.



ENGLISH

English courses are required each year throughout a student's middle and high school career.

AP English Language & Composition

Prerequisite: English 9 & 10

In this introductory college-level course designed to prepare students for the Advanced Placement exam, students advance their understanding of rhetoric and writing through the reading, analyzing, and writing of rhetorical texts. Throughout the course, students explore the basic tenets of writing and argumentation, such as rhetorical situation, claims and evidence, reasoning and organization, and style. Students will read and analyze a variety of nonfiction genres, including essays, journalism articles, political writings, science writings, nature writings, autobiographies, biographies, diaries, speeches, history writings, and criticisms from multiple perspectives and backgrounds. The primary focus is on writing evidence-based analytical, synthesis, and argumentative essays and analyzing the rhetorical choices of a wide range of nonfiction writers. In addition to explicit instruction and a variety of independent and collaborative learning opportunities, the course offers specific exam preparation lessons and practice.

AP English Literature & Composition

Prerequisite: English 9 & 10

In this introductory college-level course designed to prepare students for the Advanced Placement exam, students develop the fundamentals of literary analysis and introductory college compositions. The course focuses on analyzing, evaluating, and interpreting literary fiction, poetry, and drama from a range of literary periods, authors, and perspectives. The diverse canon allows students to explore the function of character, setting, structure, narrator, and figurative language. Through a wide range of instruction and collaborative writing activities, students articulate their interpretation of literature through writing. The course includes exam preparation and practice that anticipates common student misconceptions.



ENGLISH

English courses are required each year throughout a student's middle and high school career.

Expository Reading & Writing

Prerequisite: English 9, 10 & 11

This English course is designed to develop critical reading and writing skills while preparing high school students to meet the demands of college-level work. While students will explore some critical reading skills in fiction, poetry, and drama the focus of this course will be on expository and persuasive texts and the analytical reading skills that are necessary for college success. Students will read a range of short but complex texts, including works by Walt Whitman, Abraham Lincoln, Cesar Chavez, Martin Luther King Jr., Langston Hughes, Julia Alvarez, Edna St. Vincent Millay, and Gary Soto.

Pima Community College WRT 101

This is an online Dual Enrollment course via Pima Community College taught by one of our SDPA teachers and utilizes a non-Edgenuity platform.

Prerequisites: English 9 & English 10; must apply to Pima and earn a qualifying score on Pima's Writing Placement Exam.

Pima Community College Writing 101 revolves around the principles and practices of college-level writing. This course includes critically reading college texts, writing college-level essays using a variety of strategies, practicing diverse writing processes, and using research effectively.



Course Offerings



Middle School

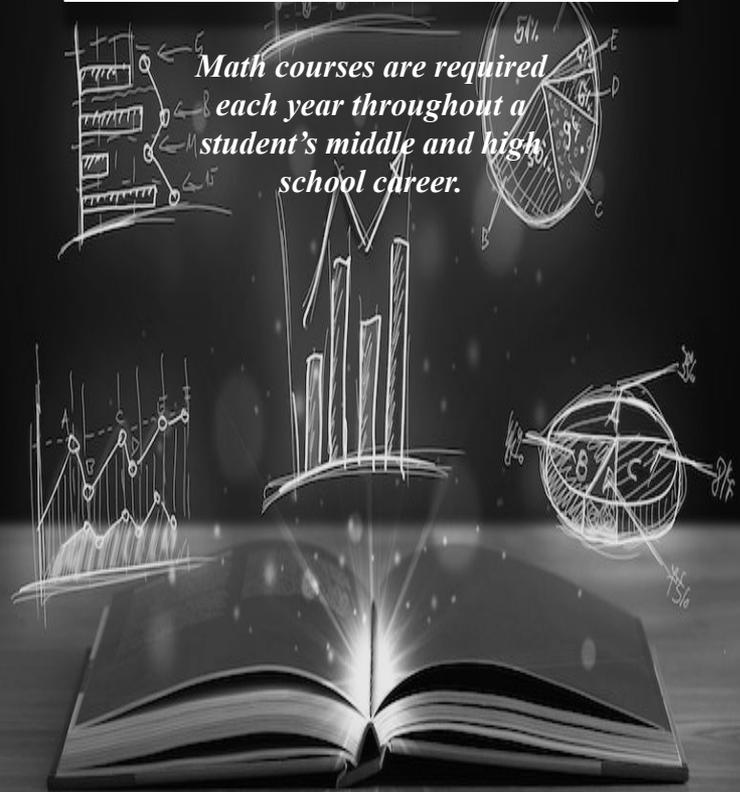
- 6th Grade Math
 - 6th Grade Accelerated Math (7th Grade Math)
- 7th Grade Math
- Pre-Algebra (8th Grade Math)
- High School Algebra I
- High School Geometry
 - High School Honors Geometry

High School

- Algebra 1
- Geometry
 - Honors Geometry
- Algebra 2
 - Honors Algebra 2
- Financial Math
- Statistics
- Pre-Calculus
 - Honors Pre-Calculus
- AP Calculus
- AP Statistics

MATH

Math courses are required each year throughout a student's middle and high school career.



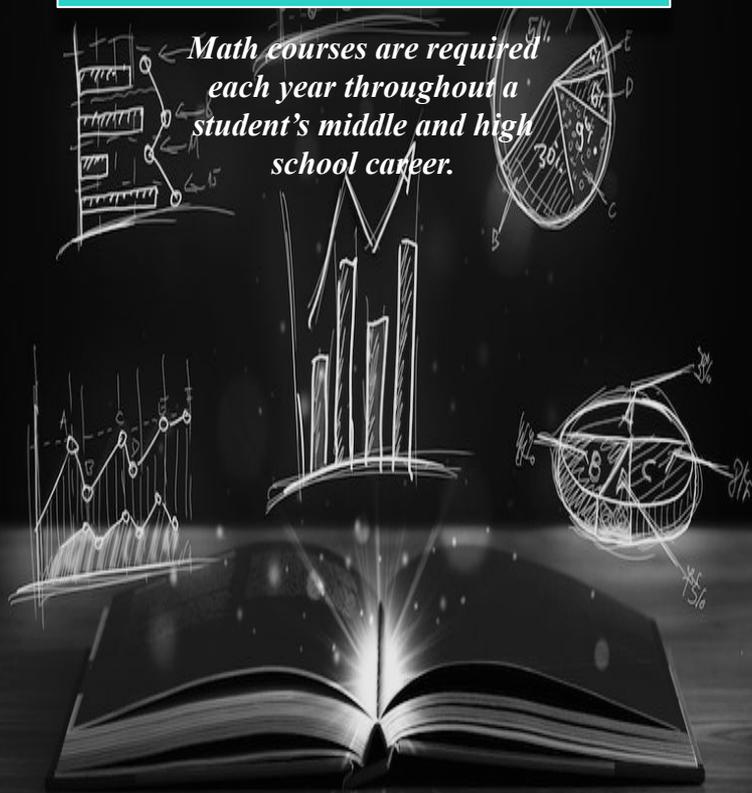
6th Grade Math

Prerequisite: None

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 about relationships among shapes to determine area, surface area, and volume.

MATH

Math courses are required each year throughout a student's middle and high school career.

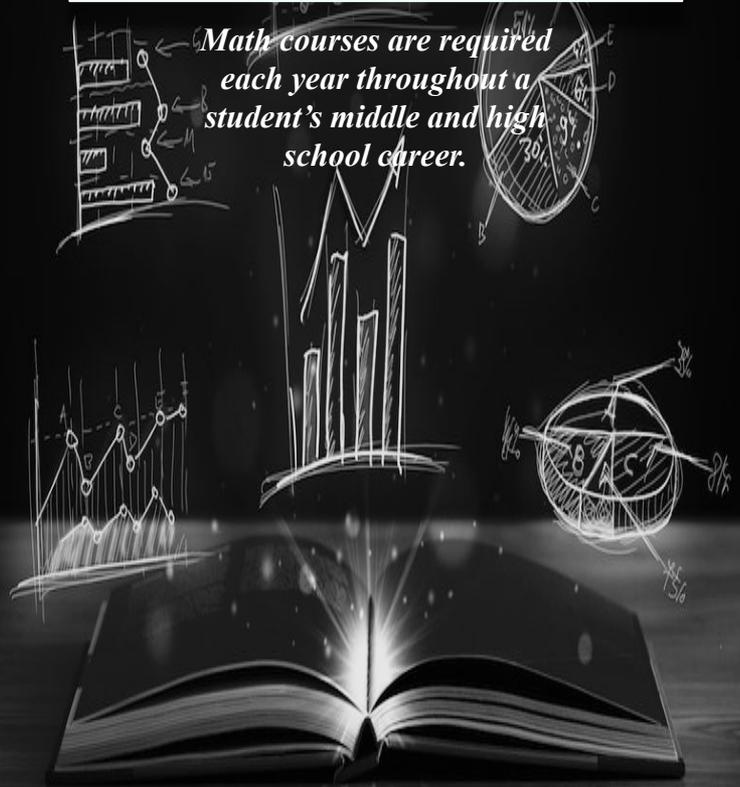


MATH

7th Grade Math and 6th Grade Accelerated Math

Prerequisite: 6th Grade Math and/or meeting Math Placement requirements
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.

Math courses are required each year throughout a student's middle and high school career.



Pre-Algebra

Prerequisite: 6th Grade Advanced Math or 7th Grade Math

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.

High School Algebra 1

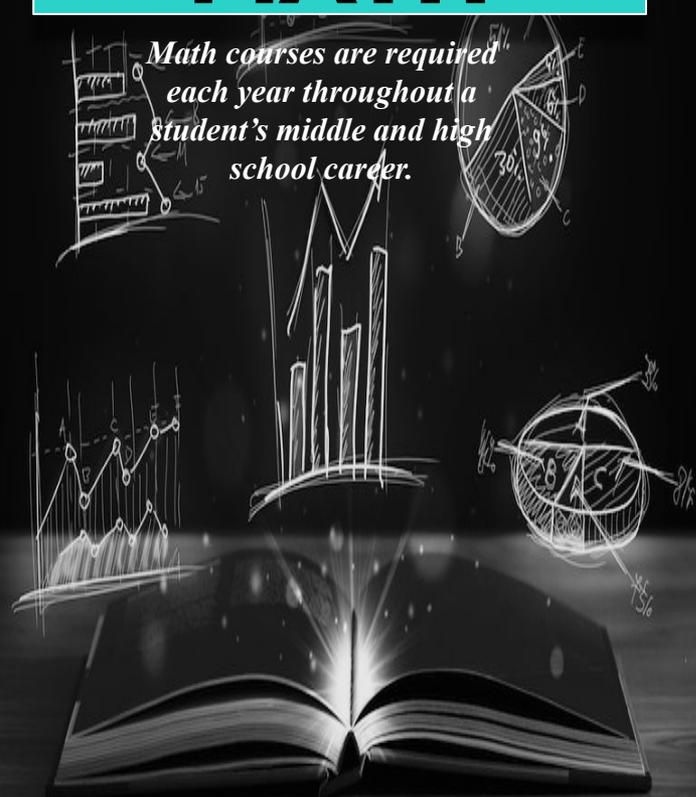
Prerequisite: Pre-Algebra

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 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.

MATH

Math courses are required each year throughout a student's middle and high school career.



High School Geometry

Prerequisite: Algebra 1

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 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.

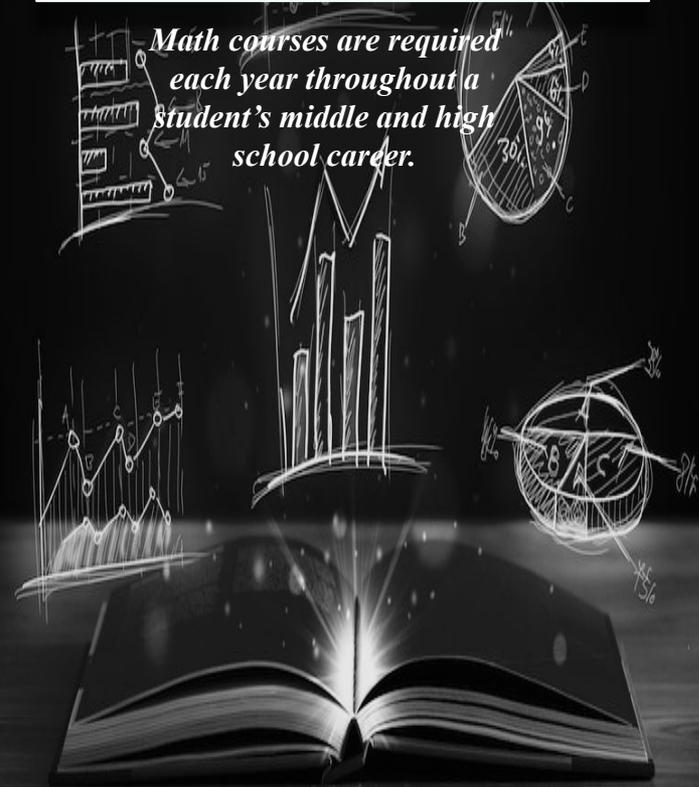
High School Honors Geometry

Prerequisite: Algebra 1, recommended grade of B or higher.

Honors Geometry is an alternative to **Geometry** for highly motivated mathematics students. Accordingly, the curriculum is designed for students with a strong mathematics background who are able to commit to the additional work and study time that may be required.

MATH

Math courses are required each year throughout a student's middle and high school career.



Algebra 2

Prerequisite: Algebra I and Geometry

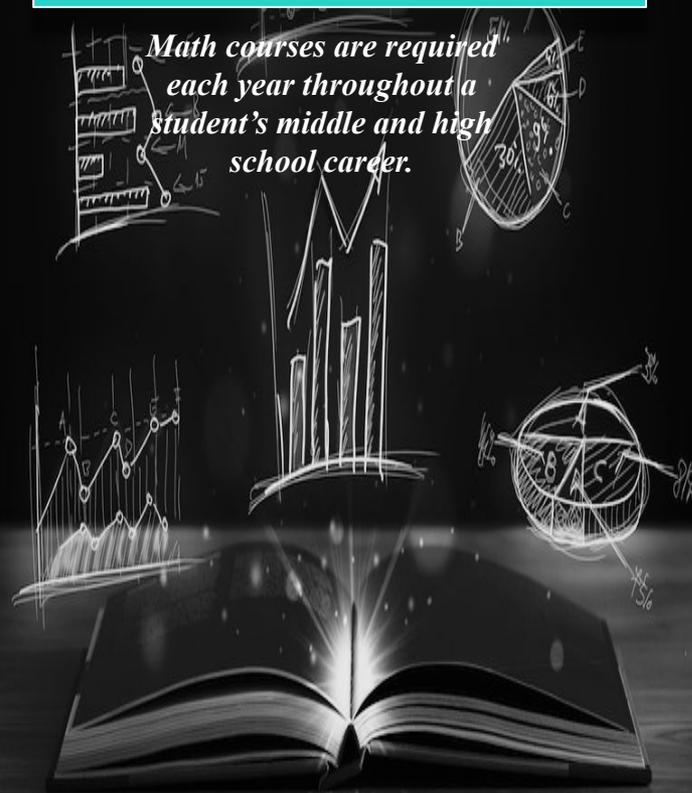
This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions. Students make connections between verbal, numeric, algebraic, and graphical 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.

Honors Algebra 2

Prerequisite: Algebra I and Geometry or Honors Geometry, recommended B or higher. Honors Algebra II provides advanced algebraic concepts through the study of functions, “families of functions,” equations, inequalities, systems of equations and inequalities, polynomials, rational and radical equations, complex numbers, and sequences and series.

MATH

Math courses are required each year throughout a student's middle and high school career.



Financial Math

Prerequisite: Algebra 2 or Honors Algebra 2

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.

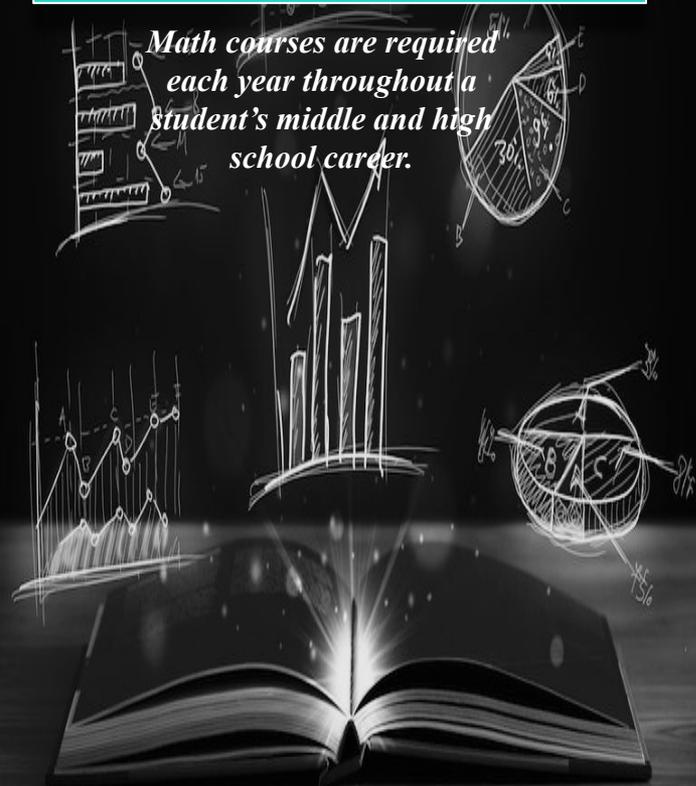
Statistics

Prerequisite: Algebra 2 or Honors Algebra 2

This fourth-year high school math option provides a comprehensive introduction to data analysis and statistics. Students begin by reviewing familiar data displays through a more sophisticated lens before diving into an in-depth study of the normal curve. They then study and apply simple linear regression and explore sampling and experimentation. Next, students review probability concepts and begin a study of random variables. Later topics also include sampling distributions, estimating and testing claims about proportions and means, and inferences and confidence intervals.

MATH

Math courses are required each year throughout a student's middle and high school career.



Pre-Calculus

Prerequisite: Algebra 2 or Honors Algebra 2

With an emphasis on function families and their representations, Precalculus is a thoughtful introduction to advanced studies leading to calculus. The course briefly reviews linear equations, inequalities, and systems and moves purposefully into the study of functions. Students then discover the nature of graphs and deepen their understanding of polynomial, rational, exponential, and logarithmic functions. Scaffolding rigorous content with clear instruction, the course leads students through an advanced study of trigonometric functions, matrices, and vectors. The course concludes with a short study of probability and statistics.

Honors Pre-Calculus

Prerequisite: Algebra 2 or Honors Algebra 2

***Precalculus Honors** is a comprehensive course that weaves together previous study of algebra, geometry, and functions into a preparatory course for **calculus**. ... The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections.*

AP Calculus AB

Prerequisite: A "C" or higher in Pre-Calculus or with teacher approval.

This college-level, yearlong course prepares students for the Advanced Placement (AP) Calculus AB Exam. Major topics of study in this full-year course include a review of pre-calculus, limits, derivatives, definite integrals, mathematical modeling of differential equations, and the applications of these concepts. Emphasis is placed on the use of technology to solve problems and draw conclusions. The course utilizes a multi-representative approach to calculus with concepts and problems expressed numerically, graphically, verbally, and analytically.

AP Statistics

Prerequisite: A "C" or higher in Algebra 2 or with teacher approval.

This yearlong, college-level course is designed to prepare students for the Advanced Placement (AP) Statistics exam. Major topics of study include exploring one-and two-variable data, sampling, experimentation, probability, sampling distributions, and statistical inference. These topics are organized into three big ideas: variation and distribution, patterns and uncertainty, data-based predictions, decisions, and conclusions.

MATH

*Math courses are required
each year throughout a
student's middle and high
school career.*



SCIENCE

Science courses are required each year in Middle School.

High School students need 3 years of science in order to meet graduation requirements.



Course Offerings



Middle School

- MS Science 6
- MS Science 7
- MS Science 8

High School

- Biology
- Honors Biology
- Freshman Physics
- Earth & Space Science
- Environmental Science
- Chemistry
- Honors Chemistry
- Physics
- Honors Physics
- Environmental Science
- AP Environmental Science
- Human Anatomy & Physiology

SCIENCE

Science courses are required each year in Middle School.

High School students need 3 years of science in order to meet graduation requirements.



MS Science 6

Prerequisite: None

This is the first semester of a yearlong sixth-grade course that focuses on traditional concepts in chemistry and physics, and encourages exploration of new discoveries in this field of science. The course includes an overview of scientific principles and procedures, and leads students toward a clearer understanding of matter, energy, and the physical universe. As students refine and expand their understanding of physical science, they will apply their knowledge in experiments that require them to ask questions and create hypotheses. Throughout the course, students solve problems, reason abstractly, and learn to think critically.

MS Science 7

Prerequisite: MS Science 6

This is the first semester of a yearlong seventh-grade course that focuses on introducing students to the diversity of life found on our planet. The course includes an overview of scientific principles and procedures, and leads students toward a clearer understanding of cells and heredity, the five kingdoms, human body systems, and ecology. As students refine and expand their understanding of life science, they will apply their knowledge in investigations that require them to ask questions and explore the world around them. Throughout the course, students will also solve problems, reason abstractly, and learn to think critically.

MS Science 8

Prerequisite: MS Science 7

Students enrolled in this dynamic eighth-grade course will 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 more prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. This is the first semester of Grade 8 Science, which is an initial credit two-semester course that will provide a solid foundation for understanding the physical characteristics that make the planet Earth unique and will examine how these characteristics differ among the planets of our solar system.



SCIENCE

Science courses are required each year in Middle School.

High School students need 3 years of science in order to meet graduation requirements.



Biology

Prerequisite: None

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.

Honors Biology

Prerequisite: Recommended "B" or higher in MS Science 8

*Honors Biology covers topics typically covered in a high school **biology** course and prepares students for Advanced Placement **Biology**. Students study the structures, functions, and processes of living organisms and their interactions with the environment.*

Freshman Physics

Prerequisite: None

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.



SCIENCE

Science courses are required each year in Middle School.

High School students need 3 years of science in order to meet graduation requirements.



Earth and Space Science

Prerequisite: One year of high school science

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.

Environmental Science

Prerequisite: One year of high school science

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.

Chemistry

Prerequisite: C or higher in Algebra 1 and Geometry, and freshman science course.

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.



SCIENCE

Science courses are required each year in Middle School.

High School students need 3 years of science in order to meet graduation requirements.



Honors Chemistry

Prerequisite: *C or higher in Algebra 1 or Geometry, and freshman science course.*

Honors Chemistry is a yearlong course and fulfills the chemistry class requirement for graduation. This advanced course is a study of the laws of chemistry, covering the common elements of the periodic system, their structure, interactions, and energy relationships.

Physics

Prerequisite: *Two years of high school science, Algebra 2 with a B or better.*

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.

Honors Physics

Prerequisite: *None*

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.



SCIENCE

Science courses are required each year in Middle School.

High School students need 3 years of science in order to meet graduation requirements.

Human Anatomy & Physiology

Prerequisite: Freshman and sophomore science courses.

This course explores the individual systems of the body and how they function, independently and collectively, to maintain homeostasis.

AP Environmental Science

Prerequisite: Freshman science course or a C or higher in Biology.

AP Environmental Science is a laboratory- and field-based course designed to provide students with the content and skills needed to understand the various interrelationships in the natural world, to identify and analyze environmental problems, and to propose and examine solutions to these problems. Since this is an online course, the laboratory- and field-based activities will be completed virtually and via experiments that students can easily perform at home with common materials. The course is intended to be the equivalent of a one-semester, college-level ecology course, which is taught over a full year in high school. The course encompasses human population dynamics, interrelationships in nature, energy flow, resources, environmental quality, human impact on environmental systems, and environmental law.



SOCIAL STUDIES

Social Studies courses are required each year in Middle School.

High School students need 3 years of Social Studies courses (US History, World History, Government/Economics) in order to meet graduation requirements.

Course Offerings



Middle School

- MS Social Studies 6
- MS Social Studies 7
- MS Social Studies 8

High School

- World History
- US History
- AP US History (elective)
- Economics
- Government

SOCIAL STUDIES

Social Studies courses are required each year in Middle School.

High School students need 3 years of Social Studies courses (US History, World History, Government/Economics) in order to meet graduation requirements.

MS Social Studies 6

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 Social Studies 7

Providing students with an opportunity to learn the diverse history that has shaped our world, this course delves into the evolution of civilization from the rise of ancient empires through the twenty first century. Middle school students enrolled in this exciting and informative course investigate the development of medieval societies, the effects of the Renaissance and the Reformation, and the progress made during various periods of revolution, industrialization, urbanization, and reform. Over the course of two semesters, students analyze effects of political conflicts and social issues on the continuing development and interdependence among nations in the modern world.

MS Social Studies 8

Exploring the structure of the United States government on a national, state, and local level, this course challenges students to learn and understand fundamental concepts and philosophies that led to the creation of the United States Constitution. Students enrolled in this two-semester course analyze the political process, political parties, and influences that affect them both. Engaging, interactive content introduces economic concepts and encourages students to explore government and economics on a global scale. By instilling a thorough understanding of government and economics, this course inspires students to investigate what it means to be an American citizen.



SOCIAL STUDIES

Social Studies courses are required each year in Middle School.

High School students need 3 years of Social Studies courses (US History, World History, Government/Economics) in order to meet graduation requirements.

World History

This yearlong course examines the major events and turning points of world history from ancient times to the present. Students investigate the development of classical civilizations in the Middle East, Africa, Europe, and Asia, and they explore the economic, political, and social revolutions that have transformed human history. At the end of the course, students conduct a rigorous study of modern history, allowing them to draw connections between past events and contemporary issues. The use of recurring themes, such as social history, democratic government, and the relationship between history and the arts, allows students to draw connections between the past and the present, among cultures, and among multiple perspectives. Throughout the course, 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.

U.S. History

U.S. History is a yearlong course that dynamically explores the people, places, and events that shaped early United States history. This course stretches from the Era of Exploration through the Industrial Revolution, leading students through a careful examination of the defining moments that shaped the nation of today. Students begin by exploring the colonization of the New World and examining the foundations of colonial society. As they study the early history of the United States, students will learn critical-thinking skills by examining the constitutional foundations of U.S. government. Recurring themes such as territorial expansion, the rise of industrialization, and the significance of slavery will be examined in the context of how these issues contributed to the Civil War and Reconstruction.



SOCIAL STUDIES

Social Studies courses are required each year in Middle School.

High School students need 3 years of Social Studies courses (US History, World History, Government/Economics) in order to meet graduation requirements.

AP US History

This course surveys the history of the United States from the settlement of the New World to modern times and prepares students for the AP United States History Exam. The course emphasizes themes such as national identity, economic transformation, immigration, politics, international relations, geography, and social and cultural change. Students learn to assess historical materials, weigh the evidence and interpretations presented in historical scholarship, and analyze and express historical understanding in writing.



SOCIAL STUDIES

Social Studies courses are required each year in Middle School.

High School students need 3 years of Social Studies courses (US History, World History, Government/Economics) in order to meet graduation requirements.

Economics

This semester-long 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.

Government

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.



ELECTIVES

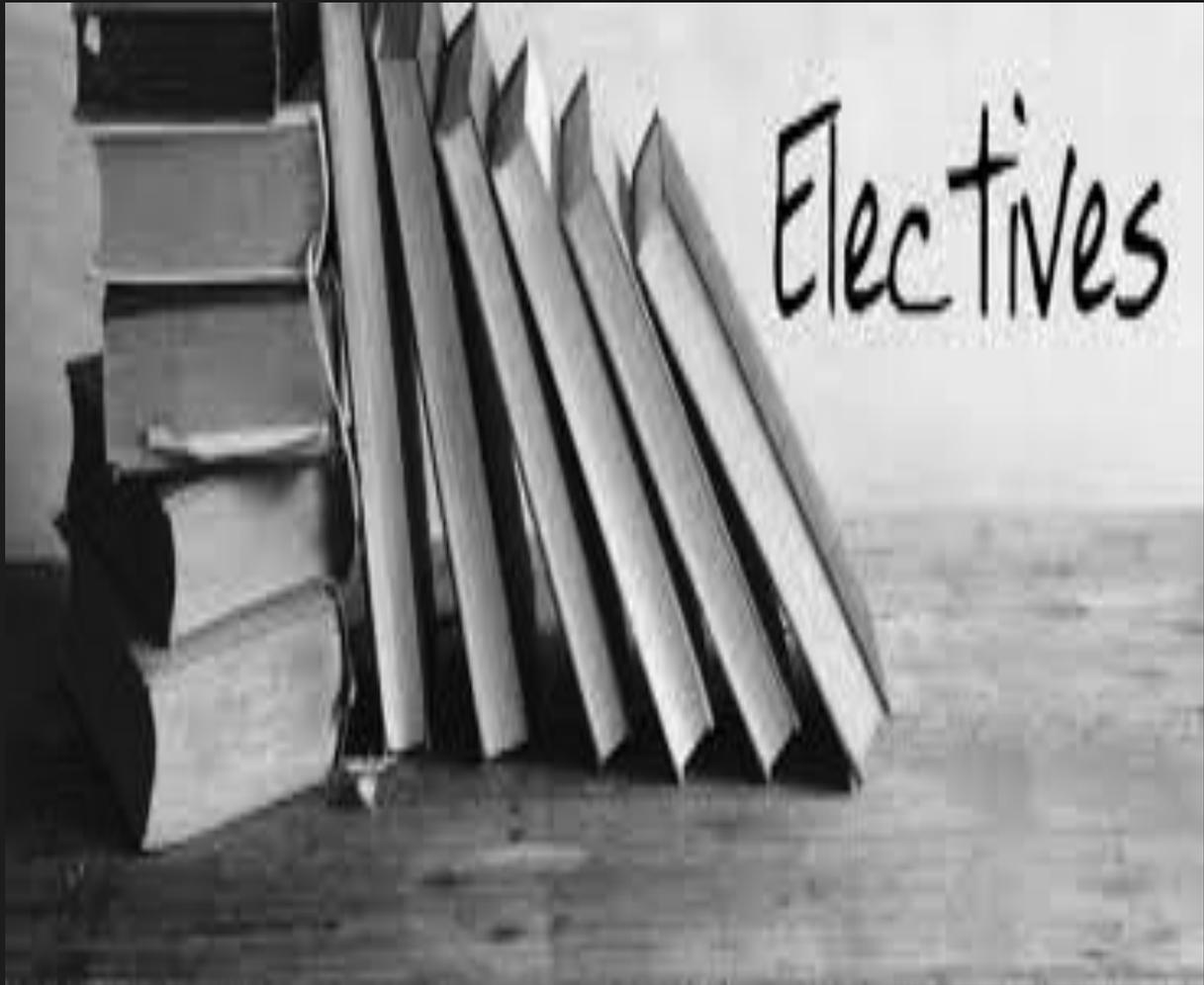
Elective courses allow students to explore a variety of topics.

Middle School students may choose from a grade level elective or a foreign language.

They will also have a class period designated for working on their i-Ready Reading and Math personalized instructional paths.



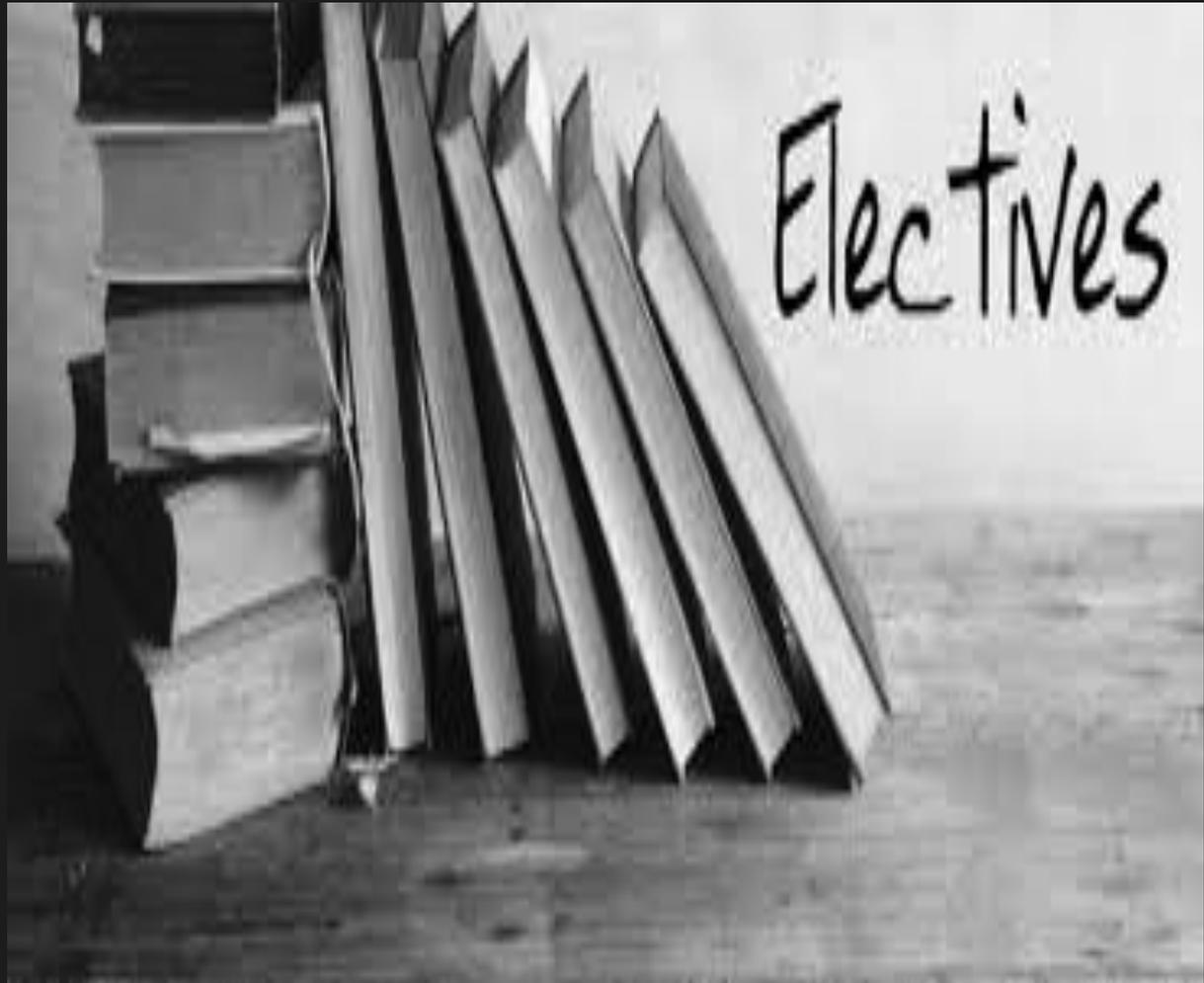
High School students need 6.0 units of Elective credit in order to meet graduation requirements.



Middle School Elective Course Offerings



- Online Learning & Digital Citizenship
- Career Exploration, Year 1
- Career Exploration, Year 2
- MS Spanish 1
- MS Spanish 2
- High School Spanish 1



High School Elective Course Offerings

Fine Art Electives (1 year of a fine art credit required for out of state university admissions)

- Art History I
- Visual Arts

Foreign Language (Two consecutive years of the same language required for university admissions)

- Spanish I, II, or III

General Electives

- Biology (if taken as a 4th science course)
- Career Exploration
- Chemistry (if taken as a 4th science course)
- Contemporary Health
- Earth and Space Science (if taken as a 4th science course)
- Environmental Science (if taken as a 4th science course)

General Electives

- Expository Reading & Writing (if taken as a 5th English course)
- Health Science Concepts
- Human Anatomy (if taken as a 4th science course)
- Intro to Business
- Intro to Information Technology
- Intro to Communications & Speech
- Intro to Health Science
- Medical Terminology
- Nursing Assistant
- Personal Finance
- Pharmacy Technician
- Psychology
- Physics (if taken as a 4th science course)
- Physical Education 1 (1 year of P.E required to graduate)
- Physical Education 2
- Sociology
- Strategies for Academic Success
- Teacher Assistant

High School Elective Course Offerings

AP Courses

- AP Calculus (when taken as a 5th math)
- AP Environmental Science (when taken as a 4th science)
- AP English Language & Composition (when taken as a 5th English)
- AP English Literature & Composition (when taken as a 5th English)
- AP Psychology
- AP Statistics (when taken as a 5th math)
- AP US History (when taken as a 4th social studies)

ASU Prep Digital Courses

- American Sign Language I

On-Campus (SHS) CTE Electives

Middle School Elective Course Offerings



Online Learning & Digital Citizenship

This year long course provides students with a comprehensive introduction to online learning, including how to work independently, stay safe, and develop effective study habits in virtual learning environments. Featuring direct-instruction videos, interactive tasks, authentic projects, and rigorous assessments, the course prepares students for high school by providing in-depth instruction and practice in important study skills such as time management, effective note-taking, test preparation, and collaborating effectively online. By the end of the course, students will understand what it takes to be successful online learners and responsible digital citizens.

Career Explorations, Year 1 and Year 2

Career Explorations is a multi-semester course designed to give middle school students an opportunity to explore various CTE subjects. Specifically, students learn about careers involving human-related services. Each of the five units introduce one particular field and explains its past, present, and future. These units include: Career Management, Introduction to Careers in Health Sciences, Hospitality and Tourism Systems, Human Services, and Consumer Services. The goal is to whet students' appetites for these careers. Students can then explore that career in more detail as a high school student.



Middle School Elective Course Offerings

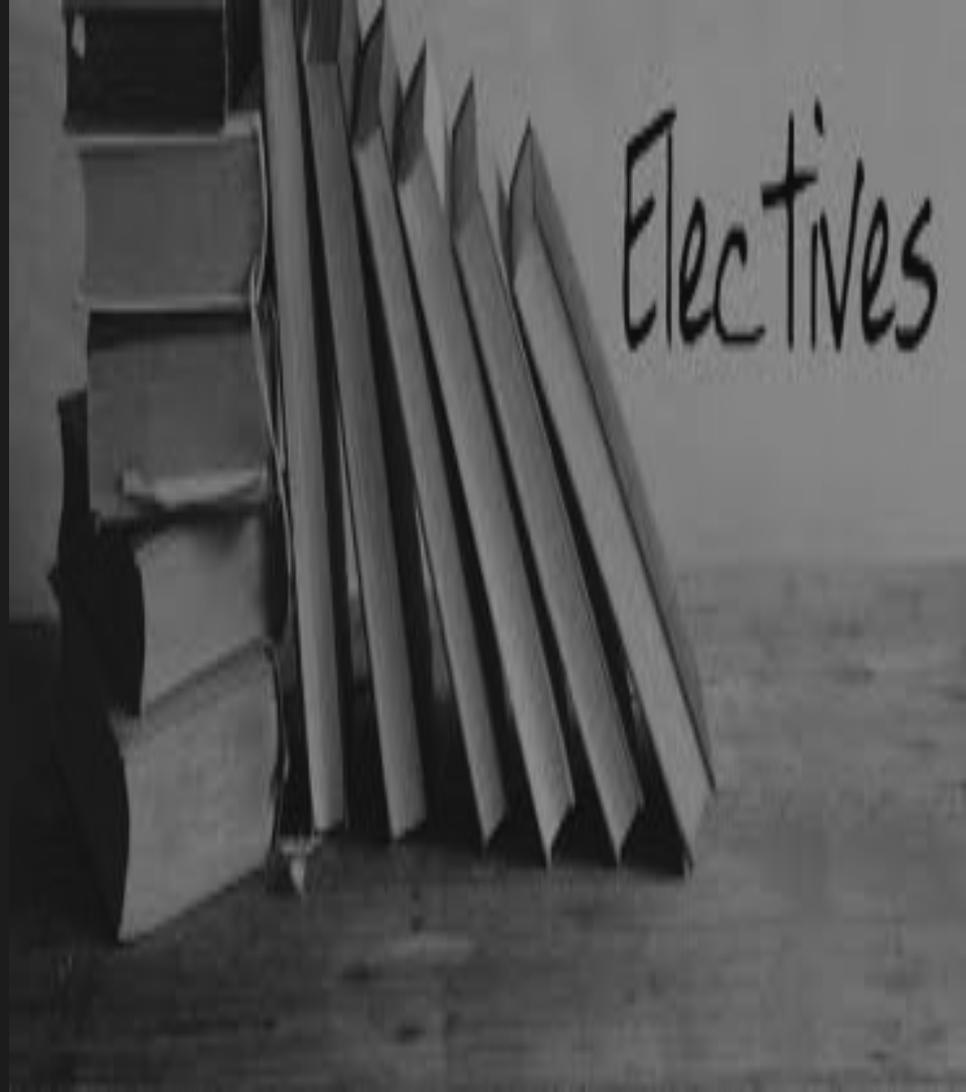


MS Spanish 1

Middle school students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign 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.

MS Spanish 2

Students in middle school continue their introduction to Spanish with fundamental building blocks in four key areas of foreign 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.



HIGH SCHOOL

Art History

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.

Visual Arts

This introductory high school course provides comprehensive information on five separate areas of arts and communications as potential educational and career pathways, including: audio/video technology and film, performing arts, visual arts, printing technology, journalism and broadcasting, and telecommunication systems. Students who are interested in careers across a broad spectrum of professional positions, including fine artist, telecommunications administrator, magazine editor, broadcast journalist, or computer graphic artist, will gain useful perspective on industry terminology, technology, work environment, job outlook, and guiding principles.



Electives



Spanish 1

Students begin their introduction to high school Spanish with fundamental building blocks in four key areas of foreign 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 II

High school students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign 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 III

In this expanding engagement with Spanish, high school students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in Spanish and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit consists of 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.

HIGH SCHOOL



Electives



HIGH SCHOOL



Electives

Career Exploration

This course prepares students to make informed decisions about their future academic and occupational goals. Through direct instruction, interactive skill 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.

Sociology

Providing insight into the human dynamics of our diverse society, this is an engaging, one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

Physical Education 1 and 2

Our physical education courses contain all of the essential content of a physical education class, but adapted to the online environment. Students learn about the FITT principles, the components of physical fitness, and the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Students participate in weekly physical activity throughout the courses.



Contemporary Health

This year-long course examines and analyzes various health topics. It places alcohol use, drug use, physical fitness, healthy relationships, disease prevention, relationships and mental health in the context of the importance of creating a healthy lifestyle. Throughout the course, students examine practices and plans they can implement in order to carry out a healthy lifestyle, and the consequences they can face if they do not follow safe practices. In addition, students conduct in-depth studies in order to create mentally and emotionally healthy relationships with peers and family, as well as nutrition, sleeping, and physical fitness plans. Students also examine and analyze harassment and bullying laws. This course takes covers issues of sex and gender identity, same-sex relationships, contraception, and other sensitive topics.

Psychology

This two-semester course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

HIGH SCHOOL



Electives



HIGH SCHOOL



Electives

Introduction to Health Science

This high school course introduces students to a variety of healthcare careers, as they develop the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.

Health Science Concepts

This year-long course introduces high school students to the fundamental concepts of anatomy and physiology—including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students investigate basic medical terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. This course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways.



Introduction to Business

In this two-semester introductory course, students learn the principles of business using real-world examples—learning what it takes to plan and launch a product or service in today's fast-paced business environment. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity

Introduction to Information Technology

This course introduces students to the essential technical and professional skills required in the field of Information Technology (IT). Through hands-on projects and written assignments, students gain an understanding of the operation of computers, computer networks, Internet fundamentals, programming, and computer support. Students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the field of IT.

Medical Terminology

This full-year course introduces students to the structure of medical terms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to health care settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course provide students application development to support informed career decisions in an industry that is changing as quickly as it is growing.

HIGH SCHOOL



Electives



HIGH SCHOOL



Electives

Nursing Assistant

This two-semester course prepares students to provide and assist with all aspects of activities of daily living and medical care for the adult patient in hospital, long-term care, and home settings. Through direct instruction, interactive skills demonstrations, and practice assignments, students are taught the basics of nurse assisting, including interpersonal skills, medical terminology and procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skills, and employability skills.

Personal Finance

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.



Pharmacy Technician

This two-semester course prepares students for employment as a Certified Pharmacy Technician (CPhT) and covers the skills needed for the pharmacy technician field. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn the basics of pharmacy assisting, including various pharmacy calculations and measurements, pharmacy law, pharmacology, medical terminology and abbreviations, medicinal drugs, sterile techniques, USP 795 and 797 standards, maintenance of inventory, patient record systems, data processing automation in the pharmacy, and employability skills.

Strategies for Academic Success

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this one-semester course encourages high school and middle school students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.

Introduction to Communication & Speech

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 one-semester 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.

HIGH SCHOOL



Electives



HIGH SCHOOL



Electives

AP Psychology

AP Psychology will introduce students to the systematic study of the behavior and mental processes of human means and animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major fields within psychology. Students also learn about the methods psychologists use in their science and practice. The major aim of this course is to provide each student with a learning experience equivalent to that obtained in most introductory college psychology courses. In addition, this course has been designed to help students successfully achieve a passing score on the AP Psychology exam.

Department Aide (Teacher Assistant)

This non-graded (Pass/Fail) elective allows high school students in grades 11 and 12 to apply to serve as a teacher's aide in place of on of their elective courses. Department Aides will be assigned to an SDPA elementary school virtual classroom at a designated time each day and will be responsible for assisting that classroom in a variety of ways while being supported and mentored by the classroom teacher.



HIGH SCHOOL



Electives

American Sign Language via ASU Prep Digital

**This course is accessed via a separate Learning Management platform (outside of Google Classroom and Edgenuity). You will be issued a separate Clever username and password to access this course.*

In ASL 1, students will work to develop a novice low proficiency level in American Sign Language, preparing them to handle a variety of basic communicative tasks. They will also gain a deeper knowledge and understanding of the cultures of the ASL-speaking world. Specific topics covered include: introductions, family, directions, shopping, jobs, and making plans.

French II

**Prerequisite: French I*

German II

**Prerequisite: German I*



CTE Courses



Please note:

All CTE Courses are offered in-person during the school day at their respective sites.

To view SHS and WGHS on-campus CTE electives, please refer to their respective Course Catalogs.

SHS Course Catalog

WGHS Course Catalog