



Apex Learning Virtual School

Full-Time Catalog 2022-23



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Welcome from Our Head of School

Greetings,

Apex Learning Virtual School is an online school that sets high expectations for student outcomes while providing flexibility not available in a traditional school setting.

Our mission is to prepare students for both college and career through a unique learning experience that is rewarding, personalized, and designed to help students reach their full academic potential.

We are committed to fulfilling our mission by combining strong academics with the learning advantages of online education. We provide a learning experience that engages students through challenge, variety, interactivity, and support. Our faculty and staff engage students in clear, consistent communication, honoring multiple learning styles, being active listeners, and respecting the opinions of others all while acting with integrity.

Students, faculty, and staff collaborate to reach shared goals, respond creatively to challenges, and celebrate student achievements.

We strive to meet your student where they are and afford them the opportunity to achieve their personal goals while attending our online school.

Please do not hesitate to contact me directly with any questions or concerns about our program.

Thank you,



Joseph O'Leary

Head of School

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About Our School

Apex Learning Virtual School is a private online school serving students in grades 6-12 from around the world. Our full-time school incorporates rigorous, yet engaging, curriculum and a supportive educational community to help students advance academically, earn a high school diploma, and gain the skills they need for college and life. Our team of certified teachers, school counselors, and academic advisors challenge and motivate students to work to their highest level so they may find success in academics and their personal endeavors.

Rigorous AND Engaging Curriculum

ALVS courses are built from standards, focus on need-to-know information, and include direct instruction, practice, review, and assessment. They include extensive scaffolds and embedded supports based on an understanding of the literacy, language, and academic needs of middle and high school students. Multi-media is thoughtfully used to engage students throughout the duration of each course. Students are actively doing something on every page in the course, keeping them involved and progressing to completion.

Certified Teachers

Experienced, certified teachers provide guidance and personalized feedback and one-on-one support when needed. Teachers forge strong relationships with students, fostering each student's unique academic and personal development. They respond to questions through our message center within one business day and return graded assignments within three business days.

Live Help

Live Help allows students to get help in real-time from a certified teacher via Zoom. Students can decide if they want to have their camera on or off and if they prefer to verbally ask questions or utilize the chat feature in Zoom. Students can even share their screen as needed to show their work or get direct support in their ALVS course.

Accredited and Approved

ALVS is fully accredited by Cognia™ ensuring that schools and colleges around the world accept our credits and diploma. In addition, we offer more NCAA®-approved courses than any other online school, our courses are UC-approved, and our AP Courses are approved by the College Board.



UC Approved
Courses



Advanced Placement®
Courses



Accredited School
Grades 6-12



Trusted Online
Course Provider



Official Education
Provider since 2014



An Official
Education Provider
since 2018

Diploma Requirements

Personalized Path to Graduation

Our school counselors will create a personalized road map and annual schedule of courses for your student to ensure they meet their academic goals. Counselors closely monitor each student's progress to help keep them on track for graduation and other academic requirements.

To earn a diploma at ALVS, students must complete a total of 20-22 credits as follows:

Credit Requirements		
Subject	General Diploma	College Prep Diploma
English	4	4
Math	3	4
Science	3	3
Social Studies	3	3
World Language	2	2
Career & Technical Education	1	1
Electives	4	4
Total Credits	20	22

NOTE: Students in 12th grade are required to complete a minimum of 3 credits with ALVS to graduate with an ALVS diploma.

Grading Scale

Students enrolled in our diploma program are awarded midterm and final grades. Similar to most private institutions, ALVS does not rank its students.

ALVS Grading Scale		
Letter Grade	Percentage	GPA
A	93-100	4.0
A-	90-92	3.7
B+	87-89	3.3
B	83-86	3.0
B-	80-82	2.7
C+	77-79	2.3
C	73-76	2.0
C-	70-72	1.7
D+	67-69	1.3
D	60-66	1.0
F	0-59	0

Courses

Full-length courses can be taken for initial credit and credit recovery.

English	Core	Honors
English 6	✓	
English 7	✓	
English 8	✓	
English 9	✓	✓
English 10	✓	✓
English 11	✓	✓
English 12	✓	✓
Creative Writing *	✓	
Media Literacy *	✓	
Reading Skills and Strategies *	✓	
Writing Skills and Strategies *	✓	

Science	Core	Honors
Science 6	✓	
Science 7	✓	
Science 8	✓	
MS Physical Science	✓	
MS Life Science	✓	
MS Earth and Space Science	✓	
Earth Science	✓	
Environmental Science	✓	
Physical Science	✓	
Biology	✓	✓
Chemistry	✓	✓
Physics	✓	✓
The Living Earth	✓	
Chemistry in the Earth System	✓	
Physics of the Universe	✓	

Additional Electives
College and Career Preparation I *
College and Career Preparation II *
Art Appreciation *
Music Appreciation
Physical Education *
Health *

* One semester

Math	Core	Honors
Math 6	✓	
Math 7	✓	
Math 8	✓	
Algebra I	✓	✓
Geometry	✓	✓
Algebra II	✓	✓
Mathematics I	✓	
Mathematics II	✓	
Mathematics III	✓	
Precalculus	✓	
Introductory Algebra	✓	
Financial Literacy *	✓	
Mathematics of Personal Finance	✓	
Probability and Statistics	✓	
Liberal Arts Mathematics 1	✓	
Liberal Arts Mathematics 2	✓	

Social Studies	Core	Honors
MS Contemporary World	✓	
MS World History	✓	
MS U.S. History	✓	
MS Civics	✓	
Geography and World Cultures *	✓	✓
World History	✓	✓
World History to the Renaissance	✓	
Modern World History	✓	
Modern World History from 1450	✓	
Modern World History from 1600	✓	
U.S. History	✓	✓
U.S. History to the Civil War *	✓	
U.S. History since the Civil War	✓	
U.S. Government and Politics *	✓	✓
Economics *	✓	
Multicultural Studies *	✓	
Sociology *	✓	
Psychology*	✓	

CTE–Career and Technical Education
Accounting I
Accounting II
Business Applications *
Computer Applications *
Human Resources Principles
Information Technology Applications *
Introduction to Business and Technology
Legal Environment of Business
Principles of Business, Marketing, and Finance
Principles of Health Science
Principles of Information Technology

World Languages
Spanish I
Spanish II
Spanish III
French I
French II
Mandarin Chinese I
Mandarin Chinese II
German I
German II
Latin I
Latin II
MS Spanish 1
MS Spanish 2
MS French 1
MS French 2
MS Mandarin Chinese 1
MS Mandarin Chinese 2
MS Latin 1
MS Latin 2
MS German 1
MS German 2

Advanced Placement (AP®)
AP Biology
AP Calculus AB
AP Chemistry
AP English Language and Composition
AP English Literature and Composition
AP Environmental Science
AP French Language and Culture
AP Macroeconomics
AP Microeconomics
AP Psychology
AP Spanish Language and Culture
AP Statistics
AP U.S. Government and Politics
AP U.S. History

Our list of NCAA-approved Courses can be found [here](#)

NCAA Eligibility Center's High School Portal. Use code: 481142. Or visit our online [Course Catalog](#) and look for the NCAA icons.

Our list of UC-approved Courses can be found on the [A-G Course List site](#). Check Institution and search for Apex Learning Virtual School or use our code: 481142. Or visit our online [Course Catalog](#) and look for the UC icons.

Required Courses (4 credits)

English 9

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[English 9 Core Syllabus](#)

[English 9 Honors Syllabus](#)

The English 9 course is an overview of exemplar selections of literature in fiction and nonfiction genres. Students read short stories, poems, a full-length novel, and a full-length Shakespeare play, analyzing the use of elements of literature in developing character, plot, and theme.

English 10

Prerequisite: English I

Length: Two semesters **Credits:** 1.0

[English 10 Core Syllabus](#)

[English 10 Honors Syllabus](#)

The focus of the English 10 course is the writing process. Three writing applications guide the curriculum: persuasive, expository, and narrative writing. Each lesson culminates in a written assignment that lets students demonstrate their developing skill in one of these applications.

English 11

Prerequisite: English II

Length: Two semesters **Credits:** 1.0

[English 11 Core Syllabus](#)

[English 11 Honors Syllabus](#)

In the English 11 course, students examine the belief systems, events, and literature that have shaped the United States. In this course, students analyze a wide range of literature, both fiction and nonfiction. They build writing skills by composing analytical essays, persuasive essays, personal narratives, and research papers. In order to develop speaking and listening skills, students participate in discussions and prepare speeches. Overall, students gain an understanding of the way American literature represents the array of voices contributing to our multicultural identity.

English 12

Prerequisite: English II

Length: Two semesters **Credits:** 1.0

[English 12 Core Syllabus](#)

[English 12 Honors Syllabus](#)

The English 12 course asks students to closely analyze world literature and consider how we humans define and interact with the unknown, the monstrous, and the heroic. In the epic poems *The Odyssey*, *Beowulf*, and *The Inferno*, in Shakespeare's *Tempest*, in the satire of Swift, and in the rhetoric of World War II, students examine how the ideas of "heroic" and "monstrous" have been defined across cultures and time periods and how the treatment of the "other" can make monsters or heroes of us all.

Elective Electives

Creative Writing

Prerequisite: English I

Length: One semester **Credits:** 0.5

[Creative Writing Syllabus](#)

Creative Writing is an English elective course that focuses on the exploration of short fiction and poetry, culminating in a written portfolio that includes one revised short story and three to five polished poems. Students draft, revise, and polish fiction and poetry through writing exercises, developing familiarity with literary terms and facility with the writing process as they study elements of creative writing.

Media Literacy

Prerequisite: None

Length: One semester **Credits:** 0.5

[Media Literacy Syllabus](#)

Media Literacy teaches students how to build the critical thinking, writing, and reading skills required in a media-rich and increasingly techno-centric world. In a world saturated with media messages, digital environments, and social networking, concepts of literacy must expand to include all forms of media. Today's students need to be able to read, comprehend, analyze, and respond to non-traditional media with the same skill level they engage with traditional print sources.

Reading Skills and Strategies

Prerequisite: None

Length: One semester **Credits:** 0.5

[Reading Skills and Strategies Syllabus](#)

Reading Skills and Strategies is a course is designed to help the struggling reader develop mastery in the areas of reading comprehension, vocabulary building, study skills, and media literacy, which are the course's primary content strands. Using these strands, the course guides the student through the skills necessary to be successful in the academic world and beyond.

Writing Skills and Strategies

Prerequisite: None

Length: One semester **Credits:** 0.5

[Writing Skills and Strategies Syllabus](#)

Writing Skills and Strategies develops key language arts skills necessary for high school graduation and success on high stakes exams through a semester of interactive instruction and guided practice in composition fundamentals.

Elective Electives (cont.)

Personal Communication

Prerequisite: English II

Length: One semester **Credits:** 0.5

[Personal Communication Syllabus](#)

Personal Communication is a one semester course that teaches students how to become effective at verbal and nonverbal expression. In a rapidly changing world filled with constantly evolving technology, social media, and social networking, students need skills to send clear verbal and nonverbal messages and adapt those messages to multiple contexts. Students need to prepare to identify, analyze, develop, and evaluate communication skills in personal, academic, and professional interactions.

Major topics in Personal Communication include intrapersonal and interpersonal interaction, informal communication and interviewing, and preparing and delivering informal, informational, and persuasive addresses. Students also engage in recognizing bias, elements of ethical communication, conflict resolution, evaluating media messages, group dynamics, and participate in peer review.

Mathematics

Required Courses (3-4 credits)

Algebra I

Prerequisite: Introductory or Pre-Algebra

Length: Two semesters **Credits:** 1.0

[Algebra I Core Syllabus](#)

[Algebra I Honors Syllabus](#)

Algebra I builds students' command of linear, quadratic, and exponential relationships. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Algebra II

Prerequisite: Algebra I

Length: Two semesters **Credits:** 1.0

[Algebra II Core Syllabus](#)

[Algebra II Honors Syllabus](#)

Algebra II introduces students to advanced functions, with a focus on developing a strong conceptual grasp of the expressions that define those functions. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Geometry

Prerequisite: Algebra I or equivalent

Length: Two semesters **Credits:** 1.0

[Geometry Core Syllabus](#)

[Geometry Honors Syllabus](#)

Geometry builds upon students' command of geometric relationships and formulating mathematical arguments. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Math Electives

Mathematics of Personal Finance

Prerequisites: Algebra I and Geometry or their equivalents

Length: Two semesters **Credits:** 1.0

[Mathematics of Personal Finance Syllabus](#)

Mathematics of Personal Finance focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra I and Geometry to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning.

Precalculus

Prerequisites: Successful completion of two years of Algebra and one year of Geometry

Length: Two semesters **Credits:** 1.0

[Precalculus Core Syllabus](#)

[Precalculus Honors Syllabus](#)

Precalculus is a course that combines reviews of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses.

Probability and Statistics

Prerequisite: None

Length: One semester **Credits:** 0.5

[Probability and Statistics Syllabus](#)

Probability and Statistics provides a curriculum focused on understanding key data analysis and probabilistic concepts, calculations, and relevance to real-world applications. Students are challenged to work toward mastery of computational skills, apply calculators and other technology in data analysis, deepen their understanding of key ideas and solution strategies, and extend their knowledge through a variety of problem-solving applications.

Financial Literacy

Prerequisite: Introductory Algebra or Equivalent

Length: One semester **Credits:** 0.5

[Financial Literacy Syllabus](#)

Financial Literacy helps students recognize and develop vital skills that connect life and career goals with personalized strategies and milestone-based action plans. Students explore concepts and work toward a mastery of personal finance skills, deepening their understanding of key ideas and extending their knowledge through a variety of problem-solving applications.

Mathematics

Math Electives (cont.)

Introductory Algebra

Prerequisite: None

Length: Two Semesters **Credits:** 1.0

[Introductory Algebra Syllabus](#)

Introductory Algebra provides a curriculum focused on foundational concepts that prepare students for success in Algebra I. Through a "Discovery-Confirmation-Practice"-based exploration of basic concepts, students are challenged to work toward a mastery of computational skills, to deepen their understanding of key ideas and solution strategies, and to extend their knowledge through a variety of problem-solving applications.

Liberal Arts Mathematics I

Prerequisite: Introductory Algebra

Length: Two Semesters **Credits:** 1.0

[Liberal Arts Mathematics 1 Syllabus](#)

Liberal Arts Mathematics 1 addresses the need for an elective course that focuses on reinforcing, deepening, and extending a student's mathematical understanding. Liberal Arts Mathematics 1 starts with a review of problem-solving skills before moving on to a variety of key algebraic, geometric, and statistical concepts. Throughout the course, students hone their computational skills and extend their knowledge through problem solving and real-world applications.

Liberal Arts Mathematics II

Prerequisite: Liberal Arts Mathematics I

Length: Two Semesters **Credits:** 1.0

[Liberal Arts Mathematics 2 Syllabus](#)

Liberal Arts Mathematics 2 addresses the need for a course that meets graduation requirements and focuses on reinforcing, deepening, and extending a student's mathematical understanding. Liberal Arts Mathematics 2 starts with a review of algebraic concepts before moving on to a variety of key algebraic, geometric, statistical and probability concepts. Throughout the course, students hone their computational skills and extend their knowledge through problem solving and real-world applications.

Mathematics I

Prerequisite: Introductory or Pre-Algebra

Length: Two Semesters **Credits:** 1.0

[Mathematics I Syllabus](#)

Mathematics I builds students' command of geometric knowledge and linear and exponential relationships. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Mathematics II

Prerequisite: Mathematics I

Length: Two Semesters **Credits:** 1.0

[Mathematics II Syllabus](#)

Mathematics II extends students' geometric knowledge and introduces them to quadratic expressions, equations, and functions, exploring the relationship between these and their linear and exponential counterparts. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Mathematics III

Prerequisite: Mathematics I & II

Length: Two Semesters **Credits:** 1.0

[Mathematics III Syllabus](#)

Mathematics III incorporates advanced functions, trigonometry, and probability and statistics as students synthesize their prior knowledge and solve increasingly challenging problems. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Required Courses (3 credits)

Physical Science

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[Physical Science Syllabus](#)

Physical Science offers a focused curriculum designed around the understanding of foundational physical science concepts, including the nature of matter, energy, and forces, as well as the application of scientific and engineering practices.

Biology

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[Biology Core Syllabus](#)

[Biology Honors Syllabus](#)

Biology focuses on the mastery of basic biological concepts and models. Students build scientific inquiry skills and explore connections between living things and their environment.

Chemistry

Prerequisites: A physical science course and one year of Algebra

Length: Two semesters **Credits:** 1.0

[Chemistry Core Syllabus](#)

[Chemistry Honors Syllabus](#)

Chemistry offers a curriculum that emphasizes students' understanding of fundamental chemistry concepts while helping them acquire tools to be conversant in a society highly influenced by science and technology.

Science Electives

Environmental Science

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[Environmental Science Syllabus](#)

Environmental Science explores the biological, physical, and sociological principles related to the environment in which organisms live on Earth, the biosphere. Course topics include natural systems on Earth, biogeochemical cycles, the nature of matter and energy, the flow of matter and energy through living systems, populations, communities, ecosystems, ecological pyramids, renewable and non-renewable natural resources, land use, biodiversity, pollution, conservation, sustainability, and human impacts on the environment.

Physics

Prerequisite: One year of Algebra (two years recommended)

Length: Two semesters **Credits:** 1.0

[Physics Core Syllabus](#)

[Physics Honors Syllabus](#)

Physics offers a curriculum that emphasizes students' understanding of fundamental physics concepts while helping them acquire tools to be conversant in a society highly influenced by science and technology.

Chemistry in the Earth System

Prerequisite: Middle school/junior high Physical Science, and one year of Algebra

Length: Two semesters **Credits:** 1.0

[Chemistry in the Earth System Syllabus](#)

Chemistry in the Earth System integrates chemistry with biology and Earth science. Throughout the course, students apply fundamental chemistry concepts to better understand how matter and energy interact in the natural and designed world, how human activities impact Earth's systems, and how science can be used to develop new technologies and engineering solutions.

Physics of the Universe

Prerequisite: One year of Algebra (two years recommended)

Length: Two semesters **Credits:** 1.0

[Physics of the Universe Syllabus](#)

Physics of the Universe integrates physics with Earth and space science. Throughout the course, students apply fundamental physics concepts to better understand the impact of human activities on Earth's systems and how forces, energy, and matter interact throughout the universe.

Science Electives (cont.)

Computer Science Essentials

Prerequisite: None

Length: Two semesters **Credits:** 1.0

Computer Science Essentials offers a focused curriculum designed around foundational computer science concepts, including computer systems, programming, networks, and data management. The course also introduces students to foundational computer science skills such as coding, troubleshooting, and being a responsible digital citizen. Course topics include the history and impact of computers; careers in computer science; computing laws and ethics; bias and equity issues in computing; algorithms and coding; data storage, organization, and analysis; hardware and software; robotics; networks and the internet; cybersecurity and online safety; website design; and the use of abstraction in computing. Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment.

A variety of activities encourage students to explore different aspects of computer science. Lab activities guide students through coding their own programs. Project and Explore activities reinforce critical thinking, research, writing, and communication skills. In addition, Project activities guide students through the development of different types of computer artifacts. In Discussions, students conduct research on current computing topics and then exchange ideas with their peers. Practice activities provide additional opportunities for students to apply learned concepts and practice their writing, reasoning, and computer literacy skills.

This course is built to state standards.

Earth Science

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[Earth Science Core Syllabus](#)

[Earth Science Honors Syllabus](#)

Earth Science offers a focused curriculum that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space. Course topics include an exploration of the major cycles that affect every aspect of life.

The Living Earth

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[The Living Earth Syllabus](#)

The Living Earth integrates biology with Earth and space science. Throughout the course, students apply fundamental biological concepts to better understand how living systems and Earth's systems are interrelated and interdependent.

Social Studies

Required Courses (3 credits)

World History

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[World History Core Syllabus](#)

[World History Honors Syllabus](#)

In World History, students learn to see the world today as a product of a process that began thousands of years ago when humans became a speaking, travelling, and trading species. Through historical analysis grounded in primary sources, case studies, and research, students investigate the continuity and change of human culture, governments, economic systems, and social structures.

U.S. History

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[US History Core Syllabus](#)

[US History Honors Syllabus](#)

U.S. History traces the nation's history from the pre-colonial period to the present. Students learn about the Native American, European, and African people who lived in America before it became the United States. They examine the beliefs and philosophies that informed the American Revolution and the subsequent formation of the government and political system.

U.S. Government and Politics

Prerequisite: U.S. History is recommended, but not required

Length: One semester **Credits:** 0.5

[U.S. Government and Politics Core Syllabus](#)

[U.S. Government and Politics Honors Syllabus](#)

In U.S. Government and Politics, students examine the history, principles, and function of the political system established by the U.S. Constitution. Starting with a basic introduction to the role of government in society and the philosophies at the heart of American democracy, this course provides students with the knowledge needed to be informed and empowered participants in the U.S. political system.

Economics

Prerequisite: U.S. Government and Politics is recommended, but not required

Length: One semester **Credits:** 0.5

[Economics Syllabus](#)

Economics is designed to fall in the fourth year of social studies instruction. Students establish mastery of key economic principles through a scaffolded series of analytic written assignments and lesson tests. They also apply basic mathematics to economic concepts.

Social Studies Electives

Geography and World Cultures

Prerequisite: None

Length: One semester **Credits:** 0.5

[Geography and World Cultures Core Syllabus](#)

[Geography and World Cultures Honors Syllabus](#)

Geography and World Cultures offers a tightly focused and scaffolded curriculum that enables students to explore how geographic features, human relationships, political and social structures, economics, science and technology, and the arts have developed and influenced life in countries around the world. Students are given rigorous instruction on how to read and create maps, charts, and graphs.

Multicultural Studies

Prerequisite: None

Length: One semester **Credits:** 0.5

[Multicultural Studies Syllabus](#)

Multicultural Studies is a one-semester elective history and sociology course that examines the United States as a multicultural nation. The course emphasizes the perspectives of minority groups while allowing students from all backgrounds to better understand and appreciate how race, culture and ethnicity, and identity contribute to their experiences.

Psychology

Prerequisite: None

Length: One semester **Credits:** 0.5

[Psychology Syllabus](#)

Psychology provides a solid overview of the field's major domains: methods, biopsychology, cognitive and developmental psychology, and variations in individual and group behavior.

Sociology

Prerequisite: None

Length: One semester **Credits:** 0.5

[Sociology Syllabus](#)

Sociology examines why people think and behave as they do in relationships, groups, institutions, and societies. Major course topics include individual and group identity, social structures and institutions, social change, social stratification, social dynamics in recent and current events, the effects of social change on individuals, and the research methods used by social scientists.

Social Studies Electives

World History to the Renaissance

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[World History to the Renaissance Core Syllabus](#)
[World History to the Renaissance Honors Syllabus](#)

World History to the Renaissance traces the development of civilizations around the world from prehistory to the Renaissance. The course covers major themes in world history, including the development and influence of human-geographic relationships, political and social structures, economic systems, major religions and belief systems, science and technology, and the arts.

Modern World History from 1450

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[Modern World History from 1450 Syllabus](#)

In Modern World History from 1450, students study the major turning points that shaped the modern world including the expansion of Islamic and Asian empires, transoceanic exploration, the Atlantic slave trade, the Enlightenment, industrialization, imperialism, nationalism, political revolutions, the world wars, the Cold War, decolonization, and globalization. By presenting content from multiple perspectives and through diverse primary and secondary source materials, this course not only provides students with a solid foundation in the history of the modern era, but it also prepares students to be active and informed citizens of the world.

Modern World History from 1600

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[Modern World History Since 1600 Syllabus](#)

In Modern World History from 1600, students study the major turning points that shaped the modern world including the Enlightenment, industrialization, imperialism, nationalism, political revolutions, the world wars, the Cold War, decolonization, and globalization. By presenting content from multiple perspectives and through diverse primary and secondary source materials, this course provides students with a solid foundation in the history of the modern era and prepares students to be active and informed citizens of the world.

U.S. History to the Civil War

Prerequisite: None

Length: One semester **Credits:** 0.5

[U.S. History to the Civil War Syllabus](#)

This course traces the nation's history from the pre-colonial period to the end of the American Civil War. It emphasizes the colonial period and the creation of a new nation and examines the beliefs and philosophies that informed the American Revolution and the subsequent formation of the government and political system.

U.S. History since the Civil War

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[U.S. History Since the Civil War Core Syllabus](#)
[U.S. History Since the Civil War Honors Syllabus](#)

This course traces the nation's history from the end of the Civil War to the present. It describes the emergence of the United States as an industrial nation, highlighting social policy as well as its role in modern world affairs.

Financial Literacy

Prerequisite: None

Length: One Semester **Credits:** 0.5

Financial Literacy offers an engaging, scaffolded curriculum that introduces key topics and principles necessary to financial literacy. The one-semester course covers earning and spending; savings and investing; credit and debt; protection of assets; and financial planning and decision-making. Through real-life scenarios and hands-on activities, the course explores choosing among banking and investment options, shopping for an auto loan, choosing among career and college options, financing options for continuing education, planning for retirement, and creating and living within a budget. As a social studies course, Financial Literacy is designed to complement courses in Economics and Mathematics for Personal Finance.

This course is built to state standards and further informed by standards from the Council for Economic Education's National Standards for Financial Literacy and the Jump\$tart Coalition for Personal Financial Literacy's National Standards in K-12 Personal Finance Education.

World Languages

Required Courses (2 credits)

Spanish I

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[Spanish I Syllabus](#)

Spanish I teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as home life, occupations, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises.

Spanish II

Prerequisites: Spanish I or the equivalent

Length: Two semesters **Credits:** 1.0

[Spanish II Syllabus](#)

Building on Spanish I concepts, Spanish II students learn to communicate more confidently about themselves, as well as about topics beyond their own lives - both in formal and informal situations. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises.

Spanish III

Prerequisites: Spanish I and II (or equivalent)

Length: Two semesters **Credits:** 1.0

[Spanish III Syllabus](#)

In Spanish III, students build upon the skills and knowledge they acquired in Spanish I and II. The course presents new vocabulary and grammatical concepts in context while providing students with ample opportunities to review and expand upon the material they have learned previously.

French I

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[French I Syllabus](#)

French I teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as sports, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises.

French II

Prerequisite: French I or equivalent

Length: Two semesters **Credits:** 1.0

[French II Syllabus](#)

French II teaches students to communicate more confidently about themselves, as well as about topics beyond their own lives - both in formal and informal address. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises.

German I

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[German I Syllabus](#)

Students begin their introduction to German by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, interactive cultural presentations and task-based activities to reinforce vocabulary and grammar.

German II

Prerequisite: German I or equivalent

Length: Two semesters **Credits:** 1.0

[German II Syllabus](#)

Students continue their study of German by further expanding their knowledge of key vocabulary topics and grammar concepts in this course that is conducted almost entirely in German by the second semester. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing.

Latin I

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[Latin I Syllabus](#)

Since mastering a classical language presents different challenges from learning a spoken world language, students learn Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques, combined with a modern multimedia approach to learning grammar, syntax, and vocabulary, provide students with a strong foundation for learning Latin.

Latin II

Prerequisite: Latin I or equivalent

Length: Two semesters **Credits:** 1.0

[Latin II Syllabus](#)

Students continue with their study of Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques, combined with a modern multimedia approach to learning grammar, syntax, and vocabulary, prepare students for a deeper study of Latin.

Required Courses (2 credits)

Mandarin Chinese I

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[Mandarin Chinese I Syllabus](#)

Students begin their introduction to Chinese by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, interactive cultural presentations and task-based activities to reinforce vocabulary and grammar.

Mandarin Chinese II

Prerequisite: Mandarin Chinese I or equivalent

Length: Two semesters **Credits:** 1.0

[Mandarin Chinese II Syllabus](#)

Students continue their study of Mandarin Chinese by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing.

Electives & Career and Technical Education

Required Courses (5 credits)

Art Appreciation

Prerequisite: None
Length: One semester **Credits:** 0.5
[Art Appreciation Syllabus](#)

Art Appreciation is a survey of the history of Western visual arts, with a primary focus on painting. Students begin with an introduction to the basic principles of painting and learn how to critique and compare works of art. Students then explore prehistoric and early Greek and Roman art before they move on to the Middle Ages. Emphasis is placed on the Renaissance and the principles and masters that emerged in Italy and northern Europe. Students continue their art tour with the United States during the 20th century, a time of great innovation as abstract art took center stage.

Music Appreciation

Prerequisite: None
Length: Two semesters **Credits:** 0.5
[Music Appreciation Syllabus](#)

Music Appreciation introduces students to the history, theory, and genres of music, from the most primitive surviving examples through the classical to the most contemporary in the world at large. The course is offered in a two-semester format. The first semester covers primitive musical forms and classical music. The second semester presents the rich modern traditions, including American jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip-hop.

Physical Education

Prerequisite: None
Length: One semester **Credits:** 0.5
[Physical Education Syllabus](#)

Physical Education combines the best of online instruction with actual student participation in weekly cardiovascular, aerobic, and muscle toning activities. The course promotes a keen understanding of the value of physical fitness and aims to motivate students to participate in physical activities throughout their lives.

Health

Prerequisite: None
Length: One semester **Credits:** 0.5
[Health Syllabus](#)

Health is a valuable, skills-based health education course designed for general education in grades 9 through 12. Health helps students develop knowledge, attitudes, and essential skills in a variety of health-related subjects, including mental and emotional health, social health, nutrition, physical fitness, substance use and abuse, disease prevention and treatment, and injury prevention and safety.

College and Career Preparation I

Prerequisites: None
Length: One semester **Credits:** 0.5
[College and Career Preparation I Syllabus](#)

In College and Career Preparation I, students obtain a deeper understanding of what it means to be ready for college. Students are informed about the importance of high school performance in college admissions and how to prepare for college testing. They know the types of schools and degrees they may choose to pursue after high school and gain wide exposure to the financial resources available that make college attainable.

College and Career Preparation II

Prerequisite: None
Length: One semester **Credits:** 0.5
[College and Career Preparation II Syllabus](#)

College and Career Preparation II builds on the lessons and skills in College and Career Preparation I. The course provides a step-by-step guide to choosing a college. It walks students through the process of filling out an application, including opportunities to practice, and takes an in-depth look at the various college-admission tests and assessments, as well financial aid options.

Business Applications

Prerequisite: None
Length: One semester **Credits:** 0.5
[Business Applications Syllabus](#)

Business Applications prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software.

Computer Applications

Prerequisite: None
Length: One semester **Credits:** 0.5
[Computer Applications Syllabus](#)

Computer Applications provides an introduction to software applications that prepares students to succeed in the workplace and beyond. Students will develop an understanding of professional communications and leadership skills while gaining proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study web publishing and design, spreadsheets and database software.

Required Courses (5 credits)

Accounting I

Prerequisite: None
Length: Two semesters **Credits:** 1.0
[Accounting I Syllabus](#)

Accounting I examines how to make decisions about planning, organizing, and allocating resources using accounting procedures. Throughout the course, students focus on double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording revenues, expenses, assets, and liabilities; and the prep of financial statements.

Accounting II

Prerequisite: Accounting I
Length: Two semesters **Credits:** 1.0
[Accounting II Syllabus](#)

Accounting II builds on the foundation acquired in Accounting I, allowing students to extend their skills and knowledge in the subject. The course focuses on various managerial, financial, and operational accounting activities that require the formulation, interpretation, and communication of financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, and plan the use of financial resources.

Introduction to Business and Technology

Prerequisite: None
Length: Two semesters **Credits:** 1.0
[Introduction to Business and Technology Syllabus](#)

Introduction to Business and Technology provides the foundational knowledge and skills students need for careers in business and technology. Throughout the course, students gain a knowledge of business principles and communication skills, an understanding of the impact of financial and marketing decisions, and proficiency in the technologies required by business.

Information Technology Applications

Prerequisite: None
Length: One semester **Credits:** 0.5
[Information Technology Applications Syllabus](#)

Information Technology Applications prepares students to work in the field of Information Technology. Students will be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets and database software. Through a series of hand-on activities, students will learn what to expect in the field of Information Technology and begin exploring career options in the field.

Human Resource Principles

Prerequisite: None
Length: Two semesters **Credits:** 1.0
[Human Resource Principles Syllabus](#)

Human Resources Principles examines the main functions of human resources management, including planning, recruitment, selection, training, development, compensation, and evaluation. In so doing, the course provides students with the tools to hire, manage, and fire employees.

Legal Environment of Business

Prerequisite: None
Length: Two semesters **Credits:** 1.0
[Legal Environment of Business Syllabus](#)

Legal Environment of Business examines the role of the law on all aspects of business ownership and management. Throughout the course, students focus on legal ethics, court procedures, torts, contracts, consumer law, property law, employment law, environmental law, and international law.

Principles of Information Technology

Prerequisite: None
Length: One semester **Credits:** 0.5
[Principles of Information Technology Syllabus](#)

Principles of Information Technology prepares students to succeed in the workplace. Students learn about the roles essential to an organization's success. Students gain proficiency with word processing, email, and presentations.

Principles of Health Science

Prerequisite: None
Length: Two semesters **Credits:** 1.0
[Principles of Health Science Syllabus](#)

Principles of Health Science provides knowledge and skills students need for careers in health care. Students explore the services, structure, and professions of the health care system and get guidance on choosing a specific career path in health services, including career paths in emergency medicine, nutrition, and alternative medicine.

Principles of Business, Marketing, & Finance

Prerequisite: None
Length: Two semesters **Credits:** 1.0
[Principles of Business, Marketing, & Finance Syllabus](#)

Principles of Business, Marketing, and Finance provides the knowledge and skills students need for careers in business and marketing. Students begin exploring roles and functions that business and marketing play in a global society, develop an understanding of the marketplace, as well as understanding product placement and promotion.

English

AP® English Language and Composition

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[AP English Language and Composition Syllabus](#)

In AP English Language and Composition, 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.

AP® English Literature and Composition

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[AP English Literature and Composition Syllabus](#)

AP English Literature and Composition immerses students in novels, plays, poems, and short stories from various periods. Students will read and write daily, using a variety of multimedia and interactive activities, interpretive writing assignments, and class discussions to assess and improve their skills and knowledge. The course places special emphasis on reading comprehension, structural and critical analysis of written works, literary vocabulary, and recognizing and understanding literary devices.

Math

AP® Calculus AB

Prerequisites: Algebra II, Geometry, Pre-Calculus with Trigonometry

Length: Two semesters **Credits:** 1.0

[AP Calculus AB Syllabus](#)

In AP Calculus AB, students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer, students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to real-world models.

AP® Statistics

Prerequisites: Algebra II or Math Analysis

Length: Two semesters **Credits:** 1.0

[AP Statistics Syllabus](#)

Advanced Placement 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.

Science

AP® Biology

Prerequisites: Biology

Length: Two semesters **Credits:** 1.0

[AP Biology Syllabus](#)

AP Biology builds students' understanding of biology on both the micro and macro scales. After studying cell biology, students move on to understand how evolution drives the diversity and unity of life. Students will examine how living systems store, retrieve, transmit, and respond to information and how organisms utilize free energy.

AP® Chemistry

Prerequisites: Chemistry

Length: Two semesters **Credits:** 1.0

[AP Chemistry Syllabus](#)

AP Chemistry builds students' understanding of the nature and reactivity of matter. After studying chemical reactions and electrochemistry, students move on to understand how the chemical and physical properties of materials can be explained by the structure and arrangements of the molecules and the forces between those molecules. Students will examine the laws of thermodynamics, molecular collisions, and the reorganization of matter in order to understand how changes in matter take place. Finally, students will explore chemical equilibria, including acid-base equilibria.

AP® Psychology

Prerequisite: Biology

Length: Two semesters **Credits:** 1.0

[AP Psychology Syllabus](#)

AP Psychology provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection.

AP® Environmental Science

Prerequisite: Two years of high school laboratory science (one year of life science and one year of physical science), and one year of algebra

Length: Two semesters **Credits:** 1.0

[AP Environmental Science Syllabus](#)

AP* Environmental Science 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.

Social Studies

AP® Macroeconomics

Prerequisites: Algebra II (or Math Analysis)

Length: One semester **Credits:** 0.5

[AP Macroeconomics Syllabus](#)

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 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.

AP® Microeconomics

Prerequisites: Algebra I

Length: One semester **Credits:** 0.5

[AP Microeconomics Syllabus](#)

Advanced Placement Microeconomics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. 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.

AP® U.S. Government and Politics

Prerequisites: U.S. History

Length: One semester **Credits:** 0.5

[AP U.S. Government and Politics Syllabus](#)

AP U.S. Government and Politics studies the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes.

AP® U.S. History

Prerequisite: None

Length: Two semesters **Credits:** 1.0

[AP U.S. History Syllabus](#)

In AP U.S. History, students investigate the development of American economics, politics, and culture through historical analysis grounded in primary sources, research, and writing. The equivalent of an introductory college-level course, AP U.S. History prepares students for the AP exam and for further study in history, political science, economics, sociology, and law.

World Languages

AP® Spanish Language

Prerequisites: 3–4 years of Spanish or equivalent native fluency

Length: Two semesters **Credits:** 1.0

[AP Spanish Language Syllabus](#)

AP Spanish Language and Culture students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they learn in extensive written and spoken exercises. The course addresses the broad themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics.

AP® French Language

Prerequisites: 3–4 years of French or equivalent native fluency

Length: Two semesters **Credits:** 1.0

[AP French Language Syllabus](#)

Our online AP French Language course is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical and communicative skills. The AP French Language course prepares them for the AP French 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.

Math

Math 6

Prerequisites: None

Length: Two semesters **Credits:** 1.0

[Math 6 Syllabus](#)

Math 6 delivers instruction, practice, and review designed to develop computational fluency, deepen conceptual understanding, and apply mathematical practices. Course topics include ratios and rates, fraction and decimal operations, and signed numbers. Students continue to build their algebra skills by plotting points in all four quadrants of the coordinate plane and solving equations and inequalities. Geometry topics include area, surface area, and volume, and statistical work features measures of center and variability, box plots, dot plots, and histograms.

Math 7

Prerequisites: Math 6

Length: Two semesters **Credits:** 1.0

[Math 7 Syllabus](#)

Math 7 delivers instruction, practice, and review designed to develop computational fluency, deepen conceptual understanding, and apply mathematical practices. Throughout the course, students gain a deep understanding of proportions and their use in solving problems. They extend their fluency with operations on rational numbers and translate among different forms of rational numbers. Algebra topics include simplifying and rewriting algebraic expressions and solving more complex equations and inequalities. Students also sketch geometric figures and explore scale drawings, investigate circle properties and angle relationships, and deepen their understanding of area, volume, and surface area. They see how statistics uses sample data to make predictions about populations and compare data from different data sets. Students gain a fundamental understanding of probability and explore different ways to find or estimate probabilities.

Math 8

Prerequisites: Math 7

Length: Two semesters **Credits:** 1.0

[Math 8 Syllabus](#)

Math 8 delivers instruction, practice, and review designed to develop computational fluency, deepen conceptual understanding, and apply mathematical practices. In this course, students focus on understanding functions — what they are, how to represent them in different ways, and how to write them to model mathematical and real-world situations. In particular, students investigate linear functions by learning about slope and slope-intercept form. Students' understanding of linear functions is extended to statistics, where they make scatter plots and use linear functions to model data. They solve linear equations and equations involving roots, and explore systems of linear equations. Additional topics include exponents, powers of ten, scientific notation, and irrational numbers. Students learn about transformations, and extend that understanding to an investigation of congruence and similarity. Other geometric concepts explored include the Pythagorean theorem, angle relationships, and volumes of cylinders, cones, and spheres.

English

English 6

Prerequisites: None

Length: Two semesters **Credits:** 1.0

[English 6 Syllabus](#)

English 6 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and informational styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate one another's speeches and adjust to new audiences and situations. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.

English 7

Prerequisites: None

Length: Two semesters **Credits:** 1.0

[English 7 Syllabus](#)

English 7 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and informational styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate one another's speeches and adjust to new audiences and situations. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.

English 8

Prerequisites: None

Length: Two semesters **Credits:** 1.0

[English 8 Syllabus](#)

English 8 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and informational styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate one another's speeches and adjust to new audiences and situations. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.

Science

Science 6

Prerequisites: None
Length: Two semesters **Credits:** 1.0
[Science 6 Syllabus](#)

Middle School Grade 6 Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as the flow of energy and matter through both living and nonliving systems, including Earth's systems; Earth's weather and climate; the interaction between humans and the environment; the relationship between structure and function; and growth, development, and reproduction in organisms.

Science 7

Prerequisites: None
Length: Two semesters **Credits:** 1.0
[Science 7 Syllabus](#)

Middle School Grade 7 Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as the structures and properties of matter; chemical reactions; the flow of energy through systems, including Earth's living and nonliving systems; and the history of Earth.

Science 8

Prerequisites: None
Length: Two semesters **Credits:** 1.0
[Science 8 Syllabus](#)

Middle School Grade 8 Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as waves and electromagnetic radiation, energy and forces on Earth and in space, genetics and natural selection, and engineering design.

MS Physical Science

Prerequisites: None
Length: Two semesters **Credits:** 1.0
[MS Physical Science Syllabus](#)

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.

MS Life Science

Prerequisites: None
Length: Two semesters **Credits:** 1.0
[MS Life Science Syllabus](#)

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.

MS Earth and Space Science

Prerequisites: None
Length: Two semesters **Credits:** 1.0
[MS Earth and Space Science Syllabus](#)

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.

Social Studies

MS World History

Prerequisites: None

Length: Two semesters **Credits:** 1.0

[MS World History Syllabus](#)

Middle School World History delivers instruction, practice, and review designed to build middle school students' knowledge of world history, from the Neolithic Revolution through the Middle Ages. 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.

MS U.S. History

Prerequisites: None

Length: Two semesters **Credits:** 1.0

[MS U.S. History Syllabus](#)

Middle School U.S. History 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.

MS Civics

Prerequisites: None

Length: Two semesters **Credits:** 1.0

[MS Civics Syllabus](#)

Middle School Civics delivers instruction, practice, and review designed to build middle school students' understanding of the political and governmental systems of the United States and the roles played by citizens. By honing their ability to analyze civic life, political practices, and government structures, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test.

MS Contemporary World

Prerequisites: None

Length: Two semesters **Credits:** 1.0

[MS Contemporary World Syllabus](#)

Middle School Contemporary World delivers instruction, practice, and review designed to build middle school students' knowledge of contemporary world geography, cultures, civics, and economics. By honing their ability to analyze the physical, social, and political forces that shape our world, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test.

World Languages

MS French 1

Prerequisites: None
Length: Two semesters **Credits:** 1.0
[MS French 1 Syllabus](#)

French I online middle school course teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as sports, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms to describe school subjects, parts of the body, and people, as well as idiomatic phrases. Instruction in language structure and grammar includes the verb system, adjective agreement, formal and informal address, reflexive verbs, and past tense. Students also gain an understanding of the cultures of French-speaking countries and regions within and outside Europe, as well as insight into Francophone culture and people.

MS French 2

Prerequisites: MS French 1 or equivalent
Length: Two semesters **Credits:** 1.0
[MS French 2 Syllabus](#)

Our French II online middle school course teaches students to communicate more confidently about themselves, as well as about topics beyond their own lives – both in formal and informal address. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms in cooking, geography, and architecture. Instruction in language structure and grammar includes present- and past-tense verb forms and uses, negation, and direct and indirect objects. Students deepen their knowledge of French-speaking regions and cultures by learning about history, literature, culture, and contemporary issues.

MS German 1

Prerequisites: None
Length: Two semesters **Credits:** 1.0
[MS German 1 Syllabus](#)

Students begin their introduction to German by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, interactive cultural presentations and task-based activities to reinforce vocabulary and grammar. There is an emphasis on providing context and conversational examples for the language concepts presented in each unit. Students will become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices and perspectives of various German-speaking countries and take frequent assessments to monitor language growth.

MS German 2

Prerequisites: MS German 1 or equivalent
Length: Two semesters **Credits:** 1.0
[MS German 2 Syllabus](#)

German II students continue their study of German by further expanding their knowledge of key vocabulary topics and grammar concepts in this course that is conducted almost entirely in German by the second semester. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, interactive cultural presentations and task-based activities to reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students will understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices and perspectives of various German-speaking countries and take assessments to monitor growth.

MS Latin 1

Prerequisites: None
Length: Two semesters **Credits:** 1.0
[MS Latin 1 Syllabus](#)

Since mastering a classical language presents different challenges from learning a spoken world language, students learn Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques, combined with a modern multimedia approach to learning grammar, syntax, and vocabulary, provide students with a strong foundation for learning Latin. Each unit consists of a new vocabulary theme and grammar concept, reading comprehension activities, writing activities, multimedia culture, history, and mythology presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on engaging with authentic classical Latin through weekly encounters with ancient passages from such prestigious authors as Virgil, Ovid, and Lucretius. The curriculum concurs with the Cambridge school of Latin; therefore, students will learn ancient high classical styles of pronunciation and grammar in lieu of generally less sophisticated medieval styles, making it possible for students to comprehend the most Latin from the widest range of time periods. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, understand and analyze the cultural and historical contexts of the ancient sources they study, and take frequent assessments where their language progression can be monitored.

World Languages (cont.)

MS Latin 2

Prerequisites: MS Latin 1 or equivalent

Length: Two semesters **Credits:** 1.0

[MS Latin 2 Syllabus](#)

Students continue with their study of Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques, combined with a modern multimedia approach to learning grammar, syntax, and vocabulary, prepare students for a deeper study of Latin. Each unit consists of a new vocabulary theme and grammar concept, reading comprehension activities, writing activities, multimedia culture, history, and mythology presentations, and interactive activities and practices which reinforce vocabulary and grammar. The emphasis is on reading Latin through engaging with myths from the ancient world which are presented in Latin. The curriculum concurs with the Cambridge school of Latin; therefore, students will learn ancient high classical styles of pronunciation and grammar in lieu of generally less sophisticated medieval styles, making it possible for students to comprehend the most Latin from the widest range of time periods. Students should expect to be actively engaged in their own language learning, understand and use common vocabulary terms and phrases, comprehend a wide range of grammar patterns, understand and analyze the cultural and historical contexts of the ancient sources they study, and take frequent assessments where their language progression can be monitored.

MS Mandarin Chinese 1

Prerequisites: None

Length: Two semesters **Credits:** 1.0

[MS Mandarin Chinese 1 Syllabus](#)

This Chinese course for middle school students is filled with engaging language activities with instruction equivalent to that found in the first semester of high school Chinese I. Students focus on the four key areas of language study: listening, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations and task-based activities to reinforce vocabulary and grammar. Both Chinese characters and pinyin are presented together throughout the course, and specific character practices are introduced after the first quarter. Students will become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices and perspectives of various Chinese-speaking countries and take frequent assessments to monitor language progression. The course is suitable for other ages, depending on background and experience.

MS Mandarin Chinese 2

Prerequisites: MS Mandarin Chinese 1 or equivalent

Length: Two semesters **Credits:** 1.0

[MS Mandarin Chinese 2 Syllabus](#)

Our online middle school Mandarin Chinese 2 course helps students continue to develop their skills with instruction equivalent to that found in the second semester of high school Chinese I. With a focus on listening, speaking, reading and writing, each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations and task-based activities to reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Both Chinese characters and pinyin are presented together throughout the course, and specific character practices are introduced after the first quarter. Students will gain familiarity with common vocabulary terms and phrases, comprehend a wider range of grammar patterns, participate in simple conversations, analyze and compare cultural practices and perspectives of various Chinese-speaking countries and take frequent assessments.

MS Spanish 1

Prerequisites: None

Length: Two semesters **Credits:** 1.0

[MS Spanish 1 Syllabus](#)

Our online middle school Spanish 1 course is filled with interactive language activities with instruction equivalent to that found in the first semester of high school Spanish I. Students begin their introduction to Spanish by focusing on the four key areas of language study: listening, speaking, reading and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices to reinforce new vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students will become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations, analyze and compare cultural practices of various Spanish-speaking countries and take frequent assessments to monitor their language progression. The course is suitable for other ages, depending on background and experience.

World Languages (cont.)

MS Spanish 2

Prerequisites: MS Spanish 1 or equivalent

Length: Two semesters **Credits:** 1.0

[MS Spanish 2 Syllabus](#)

In our online middle school Spanish 2 course, students continue their study of the Spanish language with instruction equivalent to that found in the second semester of high school Spanish I. Students focus on listening, speaking, reading and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices to reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students will be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and analyze and compare cultural practices and perspectives of various Spanish-speaking countries. Students will also take frequent assessments where their language progression can be monitored.



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