

SchoolsPLP

2026-2027 COURSE DESCRIPTIONS

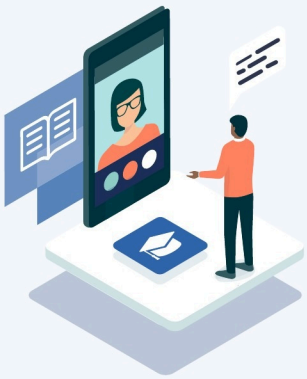
Flexible Curriculum Solutions *for*
Core Instruction, Credit Recovery, Intervention, Virtual Programs, and CTE

415 courses across 3 grade levels

K-12 Virtual Instruction Options

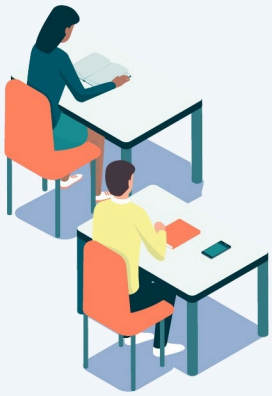
SchoolsPLP offers a turnkey virtual instruction program to assist with specialized scheduling needs. Whether the school needs a full-time online program, part-time solution, or a temporary stop-gap option, **SchoolsPLP** and our highly qualified teachers are here to help!

Standard Instruction includes



HIGHLY QUALIFIED TEACHERS

Duties include monitoring student progress, grading assignments, virtual teaching sessions as needed, and responding to messages within 24 hours (M-F).



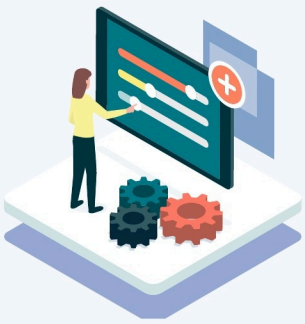
PROGRAM COORDINATORS

Duties include encouraging the student to succeed, daily monitoring of student progress, daily messages with the student, communication with teachers and stakeholders as needed, and responding to messages within 24 hours (M-F).

SITE COORDINATORS

Duties include collaboration with on-site proctors and district staff to ensure the virtual instruction program is successful. Create plans for students who may be struggling and offer other support strategies for student success and academic achievement.

Synchronous Instruction Add-On includes



- Teacher synchronous sessions based on the district's needs. The highly qualified teacher will have regular conversations with the onsite proctor, the district staff, and students in the classroom.
- Typical synchronous sessions last one hour, with approximately 20 minutes of direct instruction and 40 minutes of independent learning time. During independent learning time, the teacher will assist individual students.

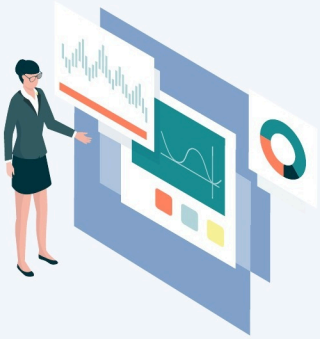
Staff Success Package



A dedicated extension of your team, all year

1:1 Support | Unlimited Training | Insight Reports

SchoolsPLP pairs your district with a dedicated **SchoolsPLP Partner Experience Specialist** who provides personalized guidance, ongoing collaboration, and expert support to help achieve your goals.



How we partner with your district

IMPLEMENTATION & LAUNCH

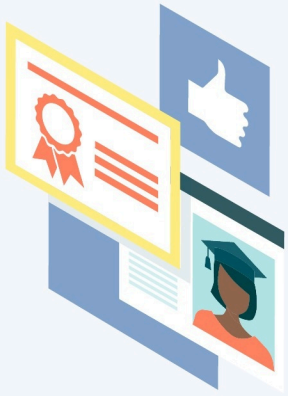
Guidance through implementation, platform setup, enrollments, and launch planning to build a strong foundation.

EMPOWER YOUR TEAM

Build staff confidence through unlimited virtual training and resources designed to support your team's success.

OPTIMIZE YOUR PLATFORM

Ongoing support with course setup, section management, platform configuration, and tailored daily administration.



REPORTING & INSIGHTS

Leverage reports and platform tools to monitor student progress, track activity, and gain meaningful insights.

YEAR-ROUND DEDICATED PARTNER

Your dedicated Partner Experience Specialist provides regular check-ins, resources, and trusted expertise all year.

Let's build your district's success plan together.

hello@schoolsplp.com
(800) 484-3061

SchoolsPLP
BUILT BY EDUCATORS. FOR EDUCATORS.

Finding the right learning solution.

Every curriculum in this catalog is organized by instructional model and intended use.

Use this guide to find the right fit for your district, teachers, and students.

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S-Initial Credit Catalog

Flexible, Consistent, and Ready for Every Classroom

SchoolsPLP Initial Credit courses provide a complete first-time credit solution for students in grades 3–12. Designed for on-level learners, each course combines engaging instruction, regular assessment, and selected opportunities for students to apply, explain, and reflect on their learning.

Courses follow a consistent structure across subject areas, making them suitable for traditional classrooms, virtual programs, and blended learning environments. Lessons and assessments remain open throughout the course, while assignments and summary/reflection activities are included in Modules 3, 6, and 9 of each unit to provide meaningful demonstrations of learning without creating unnecessary grading demands.

Teachers can personalize pacing, adjust grading weights, preview hidden activities, and make additional assignments available when needed. This balanced configuration supports conceptual understanding, regular practice, and teacher flexibility while maintaining a consistent student experience.

Hidden Items (if applicable)
Pre-tests are hidden by default and do not contribute to the course grade. Assignments and summary/reflection activities outside Modules 3, 6, and 9 are also hidden. Teachers may preview or make hidden activities available any time.

NCAA & A-G Approved

All 9-12 grade level courses hold UC A-G and NCAA approval

Default Weights

Weights can be adjusted to teacher's preference. Assignments and summary/reflection are open in Modules 3, 6, and 9 only. Pre-tests are hidden by default.

GRADES 6-8	
Pretest	0%
Lessons	15%
Guided Notes	-
Assignments	15%
Summary/Reflection	10%
Quizzes	20%
Unit Tests	25%
Final Exam	15%

GRADES 9-12	
Pretest	0%
Lessons	15%
Guided Notes	10%
Assignments	15%
Summary/Reflection	10%
Quizzes	20%
Unit Tests	25%
Final Exam	15%

S-Initial Credit

Elementary

Grade	Subject Area	Course Name	Course Length
1	Science	1st Science COMING SOON Science 1 extends students' exploration of the natural world. Along the way, students practice making predictions and observations, experimenting, and using scientific tools and problem-solving skills. In this course, students investigate animals and plants, identify the basic needs of all living things, and compare and contrast plant and animal families. They examine how humans solve problems by mimicking plant and animal structures and functions. This course also introduces patterns of the sun, moon, stars, and Earth that can be predicted. Students observe and discover the properties of light and sound and learn ways to communicate with light and sound. Finally, students develop their ability to distinguish problem from solution and recognize the relationship between cause and effect. This course includes a printed Parent and Teacher Guide that supports student learning.	S1 | S2 | YEAR
1	Social Studies	1st Social Studies COMING SOON Social Studies 1 leads students beyond their local community to consider their place in their state, the nation, and the world. They explore the function and characteristics of government in the United States, including the role of rules and laws and the rights and responsibilities of citizens. Students also learn how to ask questions and gather information to understand history. The course focuses on developing students' knowledge of the interplay between the physical world and human societies, as they learn basic geography skills, such as map reading, and examine the impact of the environment on how and where people live and how regional variations drive trade in both goods and services. Finally, students build their understanding of good citizenship by identifying ways to contribute to the community and avoid conflict and by interacting respectfully with others. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
2	Science	2nd Science COMING SOON Students investigate life, earth, and physical science concepts through guided inquiry and observations.	S1 | S2 | YEAR
2	Social Studies	2nd Social Studies COMING SOON Social Studies 2 empowers students to become productive citizens by developing their knowledge and skills in civics, history, geography, and economics. They deepen their understanding of the U.S. government by explaining the role of the three branches of government and of the U.S. Constitution. Students extend their knowledge of U.S. history to recognize the impact of important figures and movements of the past, and they begin to think like historians by identifying reliable sources, crafting compelling questions, distinguishing fact and opinion, and using timelines to structure series of events. The course highlights the role of international relations, including both alliances and international trade, as well as the importance of geography and regional variations in resources and production. Finally, students learn core concepts of economics, including supply and demand, scarcity, and cost and benefits, as well as the functions of banks, and relate these concepts to individuals and communities. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
1	English Language Arts	English 1st Grade COMING SOON English 1st Grade focuses on developing reading, writing, spelling, speaking, and listening skills. In this course, students begin to understand that spoken and written language can be broken into phonemes. They use rhyming, blending, and segmenting to develop the foundation needed to become an emergent reader. Students read prose, poetry, and informational texts for comprehension. They learn to interpret the ways in which stories and poems appeal to the senses and to identify the main topic and key ideas within texts. Students increase their vocabulary by learning to use morphemic and contextual analysis to determine the meaning of unknown words. Students learn to spell new words using various spelling rules. Students hone their writing skills by practicing grammar rules for noun usage, personal possessive and indefinite pronouns, verb tenses, capitalization, commas, and end punctuation. In doing so, they learn to produce and expand sentences and to write opinion pieces, informational pieces, and narratives. This year, students begin learning how to research information and how to use their research to answer questions. They identify and use various parts of a book, such as headings and the table of contents. They also use digital tools to publish their writing. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

S-Initial Credit

Elementary

Grade	Subject Area	Course Name	Course Length
2	English Language Arts	English 2nd Grade COMING SOON English 2nd Grade central concepts are reading, writing, spelling, speaking, and listening. This year, students begin to transition from learning to read to reading to learn. Students continue to develop their phonemic awareness by learning to recognize word families, word origins, and irregularly spelled words. They also begin to use linking words to connect opinions and reasons and time-order words to signal the order of events. While reading, students work to distinguish fact from opinion, decipher an author's reason, and identify the main topic of a multi-paragraph text. Students sample multiple genres of literature, including fiction, nonfiction, poetry, folktales, and fables, while exploring story elements such as plot, setting, characterization, and the author's point of view. They also learn to distinguish between the main idea and the theme of a story. Students develop their writing skills by composing narrative, persuasive, and informative essays, as well as creative writing pieces. Additionally, they practice their research skills by finding facts in multiple sources and using them to produce a science report. Students use a dictionary to reinforce phonetic punctuation and spelling and to identify words with multiple meanings. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
3	English Language Arts	English 3rd Grade Third grade English Language Arts builds fluency in reading, writing, and language. Students read a range of literature and informational texts, analyze story elements and main ideas, expand vocabulary, and strengthen grammar, spelling, and handwriting. They compose narrative, opinion, and informative pieces and practice research and speaking skills.	S1 | S2 | YEAR
4	English Language Arts	English 4th Grade Fourth grade English Language Arts extends reading comprehension across genres, analytical writing, grammar, vocabulary, and research skills. Students read and interpret literature and informational texts, cite evidence, produce multi-paragraph writing, and refine conventions of standard English.	S1 | S2 | YEAR
5	English Language Arts	English 5th Grade Fifth grade English Language Arts develops reading comprehension, literary analysis, essay writing, grammar, vocabulary, and research skills.	S1 | S2 | YEAR
K	English Language Arts	English Kindergarten COMING SOON English Kindergarten encompasses reading, writing, speaking, spelling, and listening skills for students who are emerging learners. This course places a heavy emphasis on the alphabet, as students learn letter names and both uppercase and lowercase letters. Students also learn letter sounds and how to articulate and blend those sounds. It focuses on building reading skills through the use of high-frequency sight words, common prepositions, nouns, verbs, and adjectives. Through grade-level appropriate readings, students explore story elements and the ways in which pictures relate to text. They also learn to summarize a text and to compare and contrast characters, events, and ideas within texts. This course teaches foundational grammar and writing skills, including proper capitalization, spacing between words, and sentence punctuation. Students learn to print words and write complete sentences. Finally, interactive activities throughout the academic year help students develop their speaking and listening skills as well. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
K	Science	K Science COMING SOON Science K introduces emerging learners to the knowledge and skills that will help them discover and understand the natural world around them. In this course, students learn to formulate questions, to predict, and to investigate. They use basic scientific tools, such as a magnifying glass, a ruler, and a thermometer, to make observations and draw on those observations to communicate their findings. They learn to use their five senses as observational tools as well. They deploy their observational skills to describe animals and plants, their basic needs for survival, and their environments. Students discover the effect of sunlight on Earth's surfaces and the difference between sun and shade. Students explore weather types, weather patterns, and seasonal changes. They also examine the characteristics of force, including the difference between a push and a pull. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

S-Initial Credit

Elementary

Grade	Subject Area	Course Name	Course Length
K	Social Studies	K Social Studies COMING SOON Social Studies K introduces emerging learners to the knowledge and skills that will help them to become active and valued participants in their community. Students discover the importance of rules and regulations in guiding community behavior, and they explore good citizenship and values such as respect, democracy, cooperation, and equality. Social Studies K establishes students' understanding of the past by teaching them the importance of a sequence of events and developing their skill in distinguishing fact from opinion. Finally, students learn about the world around them, including how geography influences society, how maps represent places, and how communities rely on trade in goods and services. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
1	Mathematics	Math 1st Grade COMING SOON In Mathematics 1, students begin to learn mathematics in a more formal way. They focus on rote counting to 120 and practice reading and writing these numbers. In addition to strengthening their addition and subtraction skills, they compare two-digit numbers using place values and the comparison symbols for greater than, less than, and equal to. Students measure lengths and use measurements to compare the lengths of multiple objects using nonstandard measuring and units. They strengthen their geometry skills by drawing two-dimensional and three-dimensional shapes, and they explore fractions by dividing those shapes into halves and quarters. Students also organize, represent, and interpret data in pictures, tables, and charts. Additionally, they tell and write times in hours and half-hours. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
2	Mathematics	Math 2nd Grade COMING SOON Second grade Mathematics focuses on place value, multi-digit addition and subtraction, measurement, data analysis, and geometry concepts.	S1 | S2 | YEAR
3	Mathematics	Math 3rd Grade Third grade Mathematics introduces multiplication and division, fractions, area, perimeter, and data analysis.	S1 | S2 | YEAR
4	Mathematics	Math 4th Grade Fourth grade Mathematics covers multi-digit operations, fractions, decimals, geometry, measurement, and algebraic thinking.	S1 | S2 | YEAR
5	Mathematics	Math 5th Grade Fifth grade Mathematics covers operations with fractions and decimals, volume, coordinate planes, and algebraic expressions.	S1 | S2 | YEAR
K	Mathematics	Math Kindergarten COMING SOON In Mathematics K, students explore the world of mathematics all around them. They begin to develop foundational mathematics skills such as number identification, rote counting to 100 by memory, and place value. They learn the difference between more than and less than and explore the ways in which numbers can be decomposed. Students compare measurements, such as longer and shorter and heavier and lighter. They begin to develop problem-solving skills as they engage with simple addition and subtraction equations and word problems. Finally, students are introduced to basic geometry and learn the names and basic attributes of shapes. This course includes a Parent and Teacher Guide that supports student learning.	S1 | S2 | YEAR
K-5	Science	Science 3 Science 3 guides students on an exploration of the natural world, its animals, its plants, and its terrain. They learn how clouds form, what causes the cycles of seasons and of day and night on Earth, and that light and sound are actually energy. Students examine the Earth's eight major biomes and identify how adaptations help plants and animals to survive varying conditions. They become junior meteorologists, able to explain weather and climate and to use weather instruments and knowledge of patterns to observe and predict the weather.	S1 | S2 | YEAR

S-Initial Credit

Elementary

Grade	Subject Area	Course Name	Course Length
K-5	Science	Science 4 Science 4 lays a foundation for future excellence in the STEM fields by introducing technology and engineering concepts, such as simple and complex machines and the steps of the engineering design process. This course encourages students to become innovative problem-solvers equipped with the skills and knowledge necessary to address twenty-first-century issues. Students explore the technical and sometimes surprising facts behind the things they see and experience every day. They expand their knowledge and understanding of topics in the areas of physics, chemistry, Earth science, and life science.	S1 | S2 | YEAR
K-5	Science	Science 5 Science 5 puts the emphasis on doing science. Students build their knowledge by crafting models, conducting experiments, creating terrariums, and making electromagnets. They learn about plant and animal cells and their functions, photosynthesis, and the roles of producers, consumers, and decomposers in an ecosystem. Students explore the global water cycle, the negative impacts of weather, and the relationship between weather and climate. They deepen their understanding of their home planet by investigating landforms, volcanic activity, and the layers of Earth.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 3 Social Studies 3 focuses on the United States, including its government and its laws. Students are encouraged to think about what it means to be productive, responsible citizens of both the nation and their own local communities. To support their learning about U.S. history and differing cultures and perspectives, students develop and research compelling questions on historical topics, work with credible sources, and distinguish between fact and opinion.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 4 Social Studies 4 introduces students to critical analysis as they develop detailed knowledge of the United States, its regions, and the influence of individual perspectives on documents and events. Students assess and use a wide variety of primary and secondary sources to research compelling questions through supporting questions and present interpretations and arguments in both written and oral forms, supporting their positions with details drawn from reliable sources.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 5 Fifth grade Social Studies covers U.S. history from early civilizations through the founding of the nation.	S1 | S2 | YEAR

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	English Language Arts	English 6th Grade This Grade 6 English Language Arts course is structured into ten units, each focusing on vital areas of ELA to ensure a holistic development of students' language skills while meeting Common Core Standards.	S1 | S2 | YEAR

S-Initial Credit

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	English Language Arts	**English 7th Grade** This Grade 7 English Language Arts course covers a wide range of literacy skills and content areas over ten comprehensive units. Each unit is structured to develop students' reading, writing, speaking, and listening abilities, aligning with Common Core State Standards. The course aims to foster a deep appreciation for literature, enhance critical thinking skills, and encourage creative expression.	S1 | S2 | YEAR
6, 7, 8	English Language Arts	**English 8th Grade** This comprehensive Grade 8 English Language Arts course is designed to engage students in a wide range of literary genres and communication skills, preparing them for high school and beyond. Throughout the course, students will explore classic and contemporary texts, develop critical thinking and analytical skills, and enhance their ability to communicate effectively in various formats.	S1 | S2 | YEAR
6, 7, 8	Mathematics	**Math 6th Grade** Embarking on Math 6 marks a crucial transition from elementary concepts to the complexities of secondary mathematics. Our entirely online course, meticulously designed by experienced Math 6 educators, bridges this gap with a comprehensive curriculum delivered through engaging scripted video lessons. These lessons, integrated with interactive assessment questions, ensure that learning transcends traditional memorization, fostering a deep understanding of mathematical principles. Our approach leverages the flexibility and accessibility of digital learning, enabling students to explore essential topics such as Ratios, The Number System, and Geometry at their own pace, while also emphasizing real-world applications to make math both relevant and exciting.	S1 | S2 | YEAR
6, 7, 8	Mathematics	**Math 7th Grade** Welcome to 7th Grade Mathematics! This course is designed to provide students with a comprehensive understanding of key mathematical concepts and skills aligned with the Common Core State Standards (CCSS) for 7th grade. Throughout the course, students will explore a wide range of topics, including ratios, proportional relationships, expressions, equations, inequalities, geometry, data analysis, probability, and foundational concepts for transitioning to 8th-grade mathematics.	S1 | S2 | YEAR
6, 7, 8	Mathematics	**Math 8th Grade** Embarking on 8th-grade mathematics marks a significant milestone in your academic journey, where you transition from elementary concepts to more complex mathematical principles. Our comprehensive online course, meticulously crafted by seasoned educators, aims to guide you through this transition seamlessly while setting a solid foundation for your future high school mathematics endeavors. Through a series of engaging video lessons, interactive assessments, and real-world problem-solving scenarios, we strive to cultivate a deep understanding of mathematical principles while making learning enjoyable and accessible.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School Civics** This comprehensive Civics course for middle school students is designed to introduce and deepen understanding of the principles, structures, and functions of government in the United States, as well as the rights and responsibilities of citizens. Spanning a full academic year, the course is divided into 10 thematic units, each consisting of 9 modules that explore different facets of Civics and government. Through engaging, interactive lessons, students will explore the foundations of government, the Constitution, the three branches of government, civil rights, state and local government, public policy, the economy, media influence, and the importance of civic engagement.	S1 | S2 | YEAR

S-Initial Credit

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Science	**Middle School Earth and Space Science** Embark on an exhilarating journey through the realms of Earth and Space Science, a course meticulously crafted for the curious minds of middle school students. This adventure begins with the essentials of scientific inquiry and methods, laying the foundation for a deeper understanding of both Earth and Space Sciences. Students will delve into the intricacies of our planet, exploring the geosphere, hydrosphere, and atmosphere, and uncovering the vast opportunities and careers these fields offer. The exploration extends beyond our terrestrial confines to the wonders of our solar system and the boundless expanse of the universe, sparking curiosity about the endless possibilities in space science.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School Geography** Students learn to study the Earth's landscape in Middle School Geography. In this course, students learn that geography extends beyond physical structures by exploring geographical facets such as regions, ethnicities, and trade routes, in addition to landforms. By studying the geography, history, culture, religion, and contemporary issues facing a certain group of people or a specific area of space, students discover a significant amount of information about people in the present and in the past.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 6** Middle School Integrated Science 6 blends physical, life, earth, and space science into one investigation-driven course. Students study matter and energy, cells and living systems, weather and climate patterns, and Earth's place in the solar system, using models, data, and simple experiments to explain how the natural world works.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 7** Middle School Integrated Science 7 continues the integrated sequence with a focus on chemical reactions, energy transfer, body systems and heredity, ecosystems, and Earth's changing surface. Students design investigations, analyze data, and build explanations supported by evidence.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 8** Middle School Integrated Science 8 prepares students for high school science through the study of forces and motion, waves and electromagnetic radiation, natural selection and evolution, human impact on Earth systems, and the structure of the universe. Engineering design challenges ask students to apply what they learn to real problems.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Life Science** Welcome to an engaging and exploratory journey through the fascinating world of Life Science! This course is designed to ignite curiosity, foster a deep understanding of life at various levels, and encourage a hands-on approach to learning about the living world around us. As we embark on this adventure, we'll dive into the foundational concepts of life science, exploring the intricacies of living organisms, their environments, and the complex interactions that sustain life on Earth.	S1 | S2 | YEAR

S-Initial Credit

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Science	**Middle School Physical Science** Middle School Physical Science introduces students to the foundational concepts of both physics and chemistry. Students begin by studying topics related to the nature of science and engineering, where they gain the skills necessary to succeed in inquiry-based and engineering labs. They move on to learn the general principles of chemistry and physics, including matter and energy, chemical reactions, motion and forces, and interactions of waves. This course allows students to explore these major concepts through unique labs based on real-world phenomena.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School U.S. History** Middle School U.S. History explores the history of the United States from before the arrival of Europeans in North America to the events of the 2016 presidential election. Students begin the course by examining North America before the arrival of European explorers and the establishment of colonies. Students learn about life in the colonies, British rule, and the events that led to the Revolutionary War. After learning about the American Revolution, students explore early U.S. government, westward expansion, the influence of the Industrial Revolution, and the Civil War. Then, they study life after the Civil War, Progressivism, Imperialism, and the onset of World War I. Next, students analyze the Roaring Twenties, the Great Depression, and World War II. Finally, students examine the Civil Rights movement, the Cold War, life in the 1960s and 1970s, and modern-day policies and events.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School World Geography** Middle School World Geography introduces students to the physical and human geography of the world's major regions. Students study landforms, climate, natural resources, population patterns, culture, and economies, and they practice reading and creating maps, charts, and graphs to explain how people interact with the places they live.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School World History** Middle School World History surveys the development of civilizations from the ancient world to the present. Students examine the rise of early societies, classical empires, world religions, medieval kingdoms, exploration and revolution, industrialization, and the global conflicts and connections of the modern era.	S1 | S2 | YEAR

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Algebra 1** ★ ◉ Algebra 1 is a comprehensive, yearlong course that lays the foundational concepts for all future mathematics courses. It covers ten units including the foundations of algebra, linear equations, functions, polynomials, and more complex topics like exponential functions, as well as sequences and series. Students will learn to apply algebra to real-world situations, translating them into algebraic expressions and solving various equations and inequalities. The course emphasizes practical applications and in-depth understanding of algebraic principles, such as graphing linear and quadratic equations, working with functions, and exploring the properties of polynomials and rational expressions.	S1 | S2 | YEAR

★ **NCAA** ◉ **A-G approved**

S-Initial Credit

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	Algebra 2 ★ ◉ Algebra 2 is designed to deepen understanding and proficiency in a range of algebraic concepts, meeting the rigorous requirements of the Common Core State Standards (CCSS). As students embark on this mathematical journey, they will explore complex numbers, quadratic functions, polynomial expressions, and beyond, ensuring a comprehensive grasp of Algebra 2 principles. The course not only emphasizes the mastery of skills but also the application of these skills in solving real-world problems. From crafting and solving equations in various forms to interpreting complex number operations, the course provides a robust foundation in high-level algebra.	S1 | S2 | YEAR
9, 10, 11, 12	Arts	Art History ★ ◉ This Art History course will introduce high school students to the fascinating world of art, spanning various periods and cultures. Through the exploration of significant artworks and movements, students will develop an understanding of the evolution of art and its influence on societies throughout history. The course will include interactive discussions, visual analysis, and hands-on activities to engage students in critical thinking and creative expression.	S1 | S2 | YEAR
9, 10, 11, 12	Science	Biology ★ ◉ The high school Biology course offers an exploration of life sciences, beginning with an introduction to biology and scientific methodologies, followed by in-depth studies of cell biology, genetics, and heredity. Students will learn about evolutionary biology and natural selection, gaining an understanding of the mechanisms that drive life's diversity and complexity. The course also covers ecology, where students learn about ecosystems, biodiversity, and human impacts on the environment. Human biology and physiology are explored, providing insights into body systems and their functions. The course includes studies of biochemistry, plant biology, microbiology, and the interconnectedness of Earth's systems with biology.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Career Preparation ★ ◉ This high school career preparation course is designed as a comprehensive journey, guiding students through the intricacies of self-discovery, career exploration, and the development of essential skills for the workplace and beyond. As the educator leading this voyage, you'll be equipped with a curriculum that not only addresses the practicalities of job searching and workplace dynamics but also delves deeply into the personal growth and self-awareness necessary for students to forge their own paths in the world.	S1 | S2 | YEAR
9, 10, 11, 12	Science	Chemistry ★ ◉ Chemistry gives students a deeper understanding of the world around them as they investigate how chemistry is involved in everyday life. Students explore fundamental chemistry content and concepts, including the metric system, the periodic table, atomic structures, bonding, chemical reactions, and nuclear reactions. They apply their knowledge and science process skills through labs that use common, household objects in order to explore the practicality of chemistry. As a prerequisite to Chemistry, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR
9, 10, 11, 12	Science	Earth and Space Science ★ ◉ Welcome to High School Earth and Space Science! This course is designed to provide students with a comprehensive understanding of Earth and space systems, exploring topics ranging from geological processes to celestial mechanics. Utilizing the Next Generation Science Standards (NGSS), students will engage in hands-on activities, scientific inquiry, and critical thinking to deepen their understanding of the natural world and humanity's place within it.	S1 | S2 | YEAR

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S-Initial Credit

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	Economics ★ ◉ The High School Economics course, designed for a semester, encompasses five units, blending foundational concepts. Unit 1 introduces economics, focusing on supply and demand principles. Microeconomics is the focus of Unit 2, discussing market types, business organizations, production costs, profit maximization, labor markets, income distribution, government regulation, market failures, and public and common goods. Unit 3 shifts to macroeconomics, exploring GDP, business cycles, unemployment, inflation, fiscal and monetary policies, the Federal Reserve, international trade, and exchange rates. Personal Finance Economics in Unit 4 teaches budgeting, saving, investing, credit, loans, taxes, insurance, retirement planning, risk management, financial markets, and economic indicators. Finally, Unit 5 delves into special topics like behavioral economics, environmental economics, and the economics of education.	S1 | S2
9, 10, 11, 12	English Language Arts	English 10th Grade ★ ◉ English 10th Grade covers a wide range of language arts skills, including reading, writing, literature, drama, poetry, argumentation, and media literacy. The course is structured into ten units, each focusing on different aspects such as storytelling elements, literature analysis, nonfiction texts, research methodologies, and drama and poetry analysis. Students will develop an understanding of narrative and argumentative writing, enhance their skills in informational text analysis, and learn effective research and presentation techniques.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	English 11th Grade ★ ◉ English 11th Grade is an advanced English Language Arts course focusing on American literature from its early beginnings to contemporary works. The course is structured into ten units, including Romanticism, Transcendentalism, Realism, Naturalism, Modernism, the Harlem Renaissance, Post-War and Contemporary Literature, as well as Poetry, Song, and Dystopian Literature. Students engage in critical reading, writing, and rhetorical analysis. The course emphasizes language mechanics, the power of rhetoric, character and narrative analysis, and the exploration of various thematic and cultural contexts.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	English 12th Grade ★ ◉ English 12th Grade is a comprehensive high school course focusing on British Literature. Throughout ten units, students explore key periods in British literature, from the Medieval era to Modernism, understanding the historical and cultural contexts that shaped these literary works. The course emphasizes skill development in textual analysis, argumentative writing, critical thinking, and research, with exposure to a diverse range of classic and modern texts. Students will enhance their vocabulary and language skills through literary analysis and explore themes such as religion, identity, social change, and globalization.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	English 9th Grade ★ ◉ English 9th Grade is an in-depth exploration of English language and literature, designed to build a strong foundation in grammar, language mechanics, and literary analysis. Starting with a focus on grammar and language mechanics, students learn about parts of speech, sentence structures, and effective use of punctuation, ensuring a strong grasp of written English. The course then covers literary elements through the study of various genres, including short stories, poetry, drama, and global literature. Students also engage with informational texts and argumentation, developing skills in critical analysis, persuasive writing, and media literacy.	S1 | S2 | YEAR

★ **NCAA** ◉ **A-G approved**

S-Initial Credit

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	Environmental Science ★ ◉ The Environmental Science course offers a comprehensive look at the planet's ecosystems, biodiversity, and the human impact on the environment. Students will cover the fundamentals of ecology, the importance of biodiversity, and the challenges facing natural resources, including water, soil, and mineral conservation. The course covers atmospheric science, emphasizing climate change, greenhouse effects, and strategies for mitigation and adaptation. Additional units focus on the hydrosphere and geosphere, exploring water and land pollution, waste management, and the importance of recycling.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Financial Literacy ★ ◉ This one-semester Financial Literacy course for high school students is designed to provide students with essential skills and knowledge for making sound financial decisions. Beginning with an introduction to personal finance, students learn about income types, taxes, job benefits, and financial planning. The course progresses to cover consumer behavior, budgeting, and smart purchasing, including understanding loans, credit scores, and effective debt management. A significant focus is placed on saving and investing, where students explore savings accounts, compound interest, and investment vehicles like stocks and bonds.	S1 | S2
9, 10, 11, 12	Mathematics	Geometry ★ ◉ Embark on a geometric journey that unveils the beauty and precision of spatial reasoning with our comprehensive Geometry course. From the foundational principles of Euclidean geometry to the intricacies of trigonometric relationships and solid figures, this course equips students with the tools and techniques necessary to explore and analyze the world of shapes and spatial structures.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	Health ★ ◉ This year-long comprehensive health education course provides students with the knowledge, skills, and understanding needed to maintain and improve their physical, mental, and social well-being. Through ten integrated units, students explore crucial aspects of personal and community health while developing practical skills for healthy decision-making and lifestyle choices. This course takes a holistic approach to health education, emphasizing the interconnection between physical, mental, and social health. Students will engage with evidence-based content while developing critical thinking skills, practicing effective communication, and learning to access and evaluate health information in the digital age.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Integrated Math 1 ★ ◉ Integrated Math 1 provides a comprehensive foundation in algebra, geometry, and trigonometry, emphasizing connections between mathematical concepts and real-world applications. Through a series of structured units, students will develop essential problem-solving skills, mathematical reasoning, and critical thinking abilities. The course progresses from fundamental algebraic concepts to more advanced topics like functions, geometry, and quadratic equations.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Integrated Math 2 ★ ◉ Integrated Math II is designed to build upon the mathematical concepts introduced in Integrated Math I, focusing on exponential and logarithmic equations and functions, polynomials, radicals and complex numbers, matrices, angles, congruence and similarity, sequences and series, probability, statistics, and triangles. Students will develop critical thinking and problem-solving skills as they explore these topics and their applications in real-world scenarios. The course emphasizes the development of mathematical fluency, reasoning, and communication skills necessary for success in higher-level mathematics courses and everyday life.	S1 | S2 | YEAR

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S-Initial Credit

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	Integrated Math 3 ★ ◉ Welcome to Advanced Integrated Mathematics III! This course is designed to provide students with a comprehensive understanding of advanced mathematical concepts and their real-world applications. Throughout this course, students will explore topics ranging from geometric relationships and measurements to advanced algebraic concepts, including functions, trigonometry, vectors, complex numbers, and conic sections.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	Nutrition and Wellness ★ ◉ To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight to how you age to how well you think. You'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	Physical Education ★ ◉ Each unit integrates engaging core concepts and exciting real world scenarios with practical skills and applies an exercise model to design effective fitness programs for students. This includes interactive fitness activities, a dive into nutrition and how it correlates with exercise, as well as innovative approaches to seeing fitness as a positive lifelong journey. This glimpse into lifelong fitness includes an opportunity for students to calculate and monitor heart rate, understand the cardiovascular system and the importance of stretching and mobility, as well as highlights the constructive role of sport participation and how it is related to fostering personal development and community involvement. By incorporating these concepts in a cohesive manner, the course ensures holistic development, wellness enhancement, and an opportunity to look at fitness as a crucial long-term health benefit.	S1 | S2 | YEAR
9, 10, 11, 12	Science	Physical Science ★ ◉ Physical Science are introduced to the principles of chemistry and physics so that they may develop a better understanding of atoms, chemical reactions, and nuclear interactions. Students explore the properties and states of matter and investigate chemical bonds and reactions. Students will investigate the development of the periodic table, an outline of modern atomic theory, and organic and nuclear chemistry. Additionally, students study Newton's laws of motion while considering the interactions between motion, forces, energy, and thermodynamics. As a prerequisite to Physical Science, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR
9, 10, 11, 12	Science	Physics ★ ◉ Students enrolled in Physics advance their knowledge and understanding of concepts in previous general science courses. In this course, students examine classical mechanics while learning to calculate concepts in one-dimensional, two-dimensional, and circular motion. Students explore work and energy in addition to the concepts of waves, sound, light, optics, and electromagnetism. The course concludes with an analysis of nuclear physics and a debate on quantum physics. This course requires students to use fundamental algebra and analytical skills to solve problems and analyze situations. As a prerequisite to Physics, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge. While the completion of Trigonometry is not required, a pre-or co-requisite of Trigonometry will allow students to be better prepared for calculations involving dynamics, vectors, and kinematics.	S1 | S2 | YEAR

★ **NCAA** ◉ **A-G approved**

S-Initial Credit

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	Precalculus ★ ◉ Precalculus bridges algebra, geometry, and trigonometry into a unified study of functions and their behavior. Students graph and transform function families, solve trigonometric and logarithmic equations, examine limits informally, and use matrices, vectors, and parametric equations to describe motion and change. The course closes with an introduction to the ideas of rate of change and accumulation that open calculus.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	Psychology ★ ◉ This year-long Psychology elective provides students with an understanding of human behavior and mental processes. The course begins with an introduction to psychology, exploring its history, methodologies, and various schools of thought. Students will cover topics like neuroscience and behavior, learning about the brain's structure and its influence on cognition and behavior. The course covers developmental psychology, examining human growth and psychological changes from infancy through adulthood. Through case studies, students gain a real-world understanding of psychological concepts and their applications in everyday life.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Real-World Math ★ ◉ Welcome to our journey through the fascinating world of mathematics. This high school mathematics course is designed to weave together the elegance of mathematics with the tangible experiences of the world around us. Through a series of ten carefully curated and CCSS (2024) aligned units, students will embark on a journey from the foundational elements of basic mathematical concepts to the sophisticated realms of statistical analysis, probability, personal finance, and the fascinating interplay between mathematics, art, and music. This course is not just about numbers; it's a narrative revealing the mathematical beauty, order, and complexity of our natural world.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	Spanish 1 ★ ◉ Spanish I provides students with a strong foundation of the Spanish language and its cultural influences. From pronunciation to basic grammar and practical vocabulary, students gain a fundamental understanding of written and conversational Spanish. Students practice pronunciation sounds, greetings and introductions, questions, and present-tense verb conjugation. Students learn how to describe people, school, and pastime activities in addition to likes and dislikes.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	Spanish 2 ★ ◉ Spanish II is the next course in the Spanish sequence, and this course introduces complex grammatical components, such as reflexive verbs and the present progressive, preterite, and imperfect tenses, along with idiomatic expressions unique to the Spanish language. Building on an ever-growing lexicon, students incorporate concepts to form questions, express preferences and possession, discuss the past, and describe and compare people, places, and locations.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	U.S. Government ★ ◉ U.S. Government examines how American government is structured and how citizens shape it. Students study the constitutional foundations of the republic, the powers of the legislative, executive, and judicial branches, federalism and state government, civil rights and civil liberties, elections and political parties, and the role of media and interest groups in public policy.	S1 | S2

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S-Initial Credit

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	U.S. History ★ ◉ U.S. History traces the nation's story from westward expansion and industrialization through the World Wars, the Great Depression, the civil rights movement, the Cold War, and into contemporary America. Students analyze primary sources, evaluate competing interpretations, and connect historical developments to the issues of today.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	World Geography ★ ◉ This comprehensive course on World Geography is designed to cover significant geographic concepts, physical and human geography, and the pressing global issues of environmental sustainability. Through a series of 10 units, students will explore the diverse landscapes of the Earth, the intricate interplay between human activities and the environment, and the innovative solutions aimed at creating a sustainable future. Each unit incorporates inquiry-based questions to foster critical thinking, aligning with the Next Generation Science Standards (NGSS) on Human Impacts on Earth Systems and Global Climate Change, among others.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	World History ★ ◉ This comprehensive World History course spans from early civilizations to the modern world, offering a deep dive into global history. Students begin with the ancient civilizations of Mesopotamia, Egypt, India, and China, understanding their contributions to human development. The journey continues through the classical period, medieval times, the Renaissance, and the age of exploration, highlighting significant cultural, political, and technological advancements. The course covers the World Wars, the Cold War, decolonization, and the rise of globalization, emphasizing their impact on contemporary society.	S1 | S2 | YEAR

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S-Initial Credit
AUTO GRADED
Catalog



Flexible, Fully Auto-graded Learning

SchoolsPLP Initial Credit Auto Graded courses provide an on-level, first-time credit solution for students in grades 3–12. Courses are designed for grade-level learners and include engaging instruction, guided practice, quizzes, unit tests, and final assessments within a consistent course structure.

All graded coursework is computer-scored, allowing students to work independently while reducing day-to-day grading demands for teachers. Assignments and summary/reflection activities are hidden so students can complete the course without teacher-graded written work. Grades 3–5 courses also include guided notes to provide additional instructional support.

Courses may be used in traditional classrooms, virtual programs, or blended learning environments. Teachers may adjust pacing and grading weights or preview hidden activities when additional written work or demonstrations of learning are needed.

Hidden Items (if applicable)

Pre-tests, assignments, and summary/reflection activities are hidden by default. Hidden activities may be previewed or made available at any time; however, assignments and summary/reflections may require teacher grading.

Default Weights

Weights can be adjusted to teacher's preference.

GRADES 6-8	
Pretest	0%
Lessons	20%
Guided Notes	-
Quizzes	20%
Unit Tests	35%
Final Exam	15%

GRADES 9-12	
Pretest	0%
Lessons	20%
Guided Notes	10%
Quizzes	10%
Unit Tests	35%
Final Exam	15%

Pre-tests are hidden and weighted at 0%. Assignments and summary/reflection activities remain hidden to maintain a fully auto-graded course experience.

S-Initial Credit AUTO GRADED

Elementary

Grade	Subject Area	Course Name	Course Length
1	Science	1st Science COMING SOON Science 1 extends students' exploration of the natural world. Along the way, students practice making predictions and observations, experimenting, and using scientific tools and problem-solving skills. In this course, students investigate animals and plants, identify the basic needs of all living things, and compare and contrast plant and animal families. They examine how humans solve problems by mimicking plant and animal structures and functions. This course also introduces patterns of the sun, moon, stars, and Earth that can be predicted. Students observe and discover the properties of light and sound and learn ways to communicate with light and sound. Finally, students develop their ability to distinguish problem from solution and recognize the relationship between cause and effect. This course includes a printed Parent and Teacher Guide that supports student learning.	S1 | S2 | YEAR
1	Social Studies	1st Social Studies COMING SOON Social Studies 1 leads students beyond their local community to consider their place in their state, the nation, and the world. They explore the function and characteristics of government in the United States, including the role of rules and laws and the rights and responsibilities of citizens. Students also learn how to ask questions and gather information to understand history. The course focuses on developing students' knowledge of the interplay between the physical world and human societies, as they learn basic geography skills, such as map reading, and examine the impact of the environment on how and where people live and how regional variations drive trade in both goods and services. Finally, students build their understanding of good citizenship by identifying ways to contribute to the community and avoid conflict and by interacting respectfully with others. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
2	Science	2nd Science COMING SOON Students investigate life, earth, and physical science concepts through guided inquiry and observations.	S1 | S2 | YEAR
2	Social Studies	2nd Social Studies COMING SOON Social Studies 2 empowers students to become productive citizens by developing their knowledge and skills in civics, history, geography, and economics. They deepen their understanding of the U.S. government by explaining the role of the three branches of government and of the U.S. Constitution. Students extend their knowledge of U.S. history to recognize the impact of important figures and movements of the past, and they begin to think like historians by identifying reliable sources, crafting compelling questions, distinguishing fact and opinion, and using timelines to structure series of events. The course highlights the role of international relations, including both alliances and international trade, as well as the importance of geography and regional variations in resources and production. Finally, students learn core concepts of economics, including supply and demand, scarcity, and cost and benefits, as well as the functions of banks, and relate these concepts to individuals and communities. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
1	English Language Arts	English 1st Grade COMING SOON English 1st Grade focuses on developing reading, writing, spelling, speaking, and listening skills. In this course, students begin to understand that spoken and written language can be broken into phonemes. They use rhyming, blending, and segmenting to develop the foundation needed to become an emergent reader. Students read prose, poetry, and informational texts for comprehension. They learn to interpret the ways in which stories and poems appeal to the senses and to identify the main topic and key ideas within texts. Students increase their vocabulary by learning to use morphemic and contextual analysis to determine the meaning of unknown words. Students learn to spell new words using various spelling rules. Students hone their writing skills by practicing grammar rules for noun usage, personal possessive and indefinite pronouns, verb tenses, capitalization, commas, and end punctuation. In doing so, they learn to produce and expand sentences and to write opinion pieces, informational pieces, and narratives. This year, students begin learning how to research information and how to use their research to answer questions. They identify and use various parts of a book, such as headings and the table of contents. They also use digital tools to publish their writing. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

S-Initial Credit AUTO GRADED

Elementary

Grade	Subject Area	Course Name	Course Length
2	English Language Arts	English 2nd Grade COMING SOON English 2nd Grade central concepts are reading, writing, spelling, speaking, and listening. This year, students begin to transition from learning to read to reading to learn. Students continue to develop their phonemic awareness by learning to recognize word families, word origins, and irregularly spelled words. They also begin to use linking words to connect opinions and reasons and time-order words to signal the order of events. While reading, students work to distinguish fact from opinion, decipher an author's reason, and identify the main topic of a multi-paragraph text. Students sample multiple genres of literature, including fiction, nonfiction, poetry, folktales, and fables, while exploring story elements such as plot, setting, characterization, and the author's point of view. They also learn to distinguish between the main idea and the theme of a story. Students develop their writing skills by composing narrative, persuasive, and informative essays, as well as creative writing pieces. Additionally, they practice their research skills by finding facts in multiple sources and using them to produce a science report. Students use a dictionary to reinforce phonetic punctuation and spelling and to identify words with multiple meanings. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
3	English Language Arts	English 3rd Grade Third grade English Language Arts builds fluency in reading, writing, and language. Students read a range of literature and informational texts, analyze story elements and main ideas, expand vocabulary, and strengthen grammar, spelling, and handwriting. They compose narrative, opinion, and informative pieces and practice research and speaking skills.	S1 | S2 | YEAR
4	English Language Arts	English 4th Grade Fourth grade English Language Arts extends reading comprehension across genres, analytical writing, grammar, vocabulary, and research skills. Students read and interpret literature and informational texts, cite evidence, produce multi-paragraph writing, and refine conventions of standard English.	S1 | S2 | YEAR
5	English Language Arts	English 5th Grade Fifth grade English Language Arts develops reading comprehension, literary analysis, essay writing, grammar, vocabulary, and research skills.	S1 | S2 | YEAR
K	English Language Arts	English Kindergarten COMING SOON English Kindergarten encompasses reading, writing, speaking, spelling, and listening skills for students who are emerging learners. This course places a heavy emphasis on the alphabet, as students learn letter names and both uppercase and lowercase letters. Students also learn letter sounds and how to articulate and blend those sounds. It focuses on building reading skills through the use of high-frequency sight words, common prepositions, nouns, verbs, and adjectives. Through grade-level appropriate readings, students explore story elements and the ways in which pictures relate to text. They also learn to summarize a text and to compare and contrast characters, events, and ideas within texts. This course teaches foundational grammar and writing skills, including proper capitalization, spacing between words, and sentence punctuation. Students learn to print words and write complete sentences. Finally, interactive activities throughout the academic year help students develop their speaking and listening skills as well. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
K	Science	K Science COMING SOON Science K introduces emerging learners to the knowledge and skills that will help them discover and understand the natural world around them. In this course, students learn to formulate questions, to predict, and to investigate. They use basic scientific tools, such as a magnifying glass, a ruler, and a thermometer, to make observations and draw on those observations to communicate their findings. They learn to use their five senses as observational tools as well. They deploy their observational skills to describe animals and plants, their basic needs for survival, and their environments. Students discover the effect of sunlight on Earth's surfaces and the difference between sun and shade. Students explore weather types, weather patterns, and seasonal changes. They also examine the characteristics of force, including the difference between a push and a pull. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

S-Initial Credit AUTO GRADED

Elementary

Grade	Subject Area	Course Name	Course Length
K	Social Studies	K Social Studies COMING SOON Social Studies K introduces emerging learners to the knowledge and skills that will help them to become active and valued participants in their community. Students discover the importance of rules and regulations in guiding community behavior, and they explore good citizenship and values such as respect, democracy, cooperation, and equality. Social Studies K establishes students' understanding of the past by teaching them the importance of a sequence of events and developing their skill in distinguishing fact from opinion. Finally, students learn about the world around them, including how geography influences society, how maps represent places, and how communities rely on trade in goods and services. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
1	Mathematics	Math 1st Grade COMING SOON In Mathematics 1, students begin to learn mathematics in a more formal way. They focus on rote counting to 120 and practice reading and writing these numbers. In addition to strengthening their addition and subtraction skills, they compare two-digit numbers using place values and the comparison symbols for greater than, less than, and equal to. Students measure lengths and use measurements to compare the lengths of multiple objects using nonstandard measuring and units. They strengthen their geometry skills by drawing two-dimensional and three-dimensional shapes, and they explore fractions by dividing those shapes into halves and quarters. Students also organize, represent, and interpret data in pictures, tables, and charts. Additionally, they tell and write times in hours and half-hours. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
2	Mathematics	Math 2nd Grade COMING SOON Second grade Mathematics focuses on place value, multi-digit addition and subtraction, measurement, data analysis, and geometry concepts.	S1 | S2 | YEAR
3	Mathematics	Math 3rd Grade Third grade Mathematics introduces multiplication and division, fractions, area, perimeter, and data analysis.	S1 | S2 | YEAR
4	Mathematics	Math 4th Grade Fourth grade Mathematics covers multi-digit operations, fractions, decimals, geometry, measurement, and algebraic thinking.	S1 | S2 | YEAR
5	Mathematics	Math 5th Grade Fifth grade Mathematics covers operations with fractions and decimals, volume, coordinate planes, and algebraic expressions.	S1 | S2 | YEAR
K	Mathematics	Math Kindergarten COMING SOON In Mathematics K, students explore the world of mathematics all around them. They begin to develop foundational mathematics skills such as number identification, rote counting to 100 by memory, and place value. They learn the difference between more than and less than and explore the ways in which numbers can be decomposed. Students compare measurements, such as longer and shorter and heavier and lighter. They begin to develop problem-solving skills as they engage with simple addition and subtraction equations and word problems. Finally, students are introduced to basic geometry and learn the names and basic attributes of shapes. This course includes a Parent and Teacher Guide that supports student learning.	S1 | S2 | YEAR
K-5	Science	Science 3 Science 3 guides students on an exploration of the natural world, its animals, its plants, and its terrain. They learn how clouds form, what causes the cycles of seasons and of day and night on Earth, and that light and sound are actually energy. Students examine the Earth's eight major biomes and identify how adaptations help plants and animals to survive varying conditions. They become junior meteorologists, able to explain weather and climate and to use weather instruments and knowledge of patterns to observe and predict the weather.	S1 | S2 | YEAR

S AI S-Initial Credit AUTO GRADED

Elementary

Grade	Subject Area	Course Name	Course Length
K-5	Science	Science 4 Science 4 lays a foundation for future excellence in the STEM fields by introducing technology and engineering concepts, such as simple and complex machines and the steps of the engineering design process. This course encourages students to become innovative problem-solvers equipped with the skills and knowledge necessary to address twenty-first-century issues. Students explore the technical and sometimes surprising facts behind the things they see and experience every day. They expand their knowledge and understanding of topics in the areas of physics, chemistry, Earth science, and life science.	S1 | S2 | YEAR
K-5	Science	Science 5 Science 5 puts the emphasis on doing science. Students build their knowledge by crafting models, conducting experiments, creating terrariums, and making electromagnets. They learn about plant and animal cells and their functions, photosynthesis, and the roles of producers, consumers, and decomposers in an ecosystem. Students explore the global water cycle, the negative impacts of weather, and the relationship between weather and climate. They deepen their understanding of their home planet by investigating landforms, volcanic activity, and the layers of Earth.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 3 Social Studies 3 focuses on the United States, including its government and its laws. Students are encouraged to think about what it means to be productive, responsible citizens of both the nation and their own local communities. To support their learning about U.S. history and differing cultures and perspectives, students develop and research compelling questions on historical topics, work with credible sources, and distinguish between fact and opinion.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 4 Social Studies 4 introduces students to critical analysis as they develop detailed knowledge of the United States, its regions, and the influence of individual perspectives on documents and events. Students assess and use a wide variety of primary and secondary sources to research compelling questions through supporting questions and present interpretations and arguments in both written and oral forms, supporting their positions with details drawn from reliable sources.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 5 Fifth grade Social Studies covers U.S. history from early civilizations through the founding of the nation.	S1 | S2 | YEAR

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	English Language Arts	English 6th Grade This Grade 6 English Language Arts course is structured into ten units, each focusing on vital areas of ELA to ensure a holistic development of students' language skills while meeting Common Core Standards.	S1 | S2 | YEAR

S-Initial Credit AUTO GRADED

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	English Language Arts	English 7th Grade This Grade 7 English Language Arts course covers a wide range of literacy skills and content areas over ten comprehensive units. Each unit is structured to develop students' reading, writing, speaking, and listening abilities, aligning with Common Core State Standards. The course aims to foster a deep appreciation for literature, enhance critical thinking skills, and encourage creative expression.	S1 | S2 | YEAR
6, 7, 8	English Language Arts	English 8th Grade This comprehensive Grade 8 English Language Arts course is designed to engage students in a wide range of literary genres and communication skills, preparing them for high school and beyond. Throughout the course, students will explore classic and contemporary texts, develop critical thinking and analytical skills, and enhance their ability to communicate effectively in various formats.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 6th Grade Embarking on Math 6 marks a crucial transition from elementary concepts to the complexities of secondary mathematics. Our entirely online course, meticulously designed by experienced Math 6 educators, bridges this gap with a comprehensive curriculum delivered through engaging scripted video lessons. These lessons, integrated with interactive assessment questions, ensure that learning transcends traditional memorization, fostering a deep understanding of mathematical principles. Our approach leverages the flexibility and accessibility of digital learning, enabling students to explore essential topics such as Ratios, The Number System, and Geometry at their own pace, while also emphasizing real-world applications to make math both relevant and exciting.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 7th Grade Welcome to 7th Grade Mathematics! This course is designed to provide students with a comprehensive understanding of key mathematical concepts and skills aligned with the Common Core State Standards (CCSS) for 7th grade. Throughout the course, students will explore a wide range of topics, including ratios, proportional relationships, expressions, equations, inequalities, geometry, data analysis, probability, and foundational concepts for transitioning to 8th-grade mathematics.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 8th Grade Embarking on 8th-grade mathematics marks a significant milestone in your academic journey, where you transition from elementary concepts to more complex mathematical principles. Our comprehensive online course, meticulously crafted by seasoned educators, aims to guide you through this transition seamlessly while setting a solid foundation for your future high school mathematics endeavors. Through a series of engaging video lessons, interactive assessments, and real-world problem-solving scenarios, we strive to cultivate a deep understanding of mathematical principles while making learning enjoyable and accessible.	S1 | S2 | YEAR
6, 7, 8	Social Studies	Middle School Civics This comprehensive Civics course for middle school students is designed to introduce and deepen understanding of the principles, structures, and functions of government in the United States, as well as the rights and responsibilities of citizens. Spanning a full academic year, the course is divided into 10 thematic units, each consisting of 9 modules that explore different facets of Civics and government. Through engaging, interactive lessons, students will explore the foundations of government, the Constitution, the three branches of government, civil rights, state and local government, public policy, the economy, media influence, and the importance of civic engagement.	S1 | S2 | YEAR

S-Initial Credit AUTO GRADED

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Science	**Middle School Earth and Space Science** Embark on an exhilarating journey through the realms of Earth and Space Science, a course meticulously crafted for the curious minds of middle school students. This adventure begins with the essentials of scientific inquiry and methods, laying the foundation for a deeper understanding of both Earth and Space Sciences. Students will delve into the intricacies of our planet, exploring the geosphere, hydrosphere, and atmosphere, and uncovering the vast opportunities and careers these fields offer. The exploration extends beyond our terrestrial confines to the wonders of our solar system and the boundless expanse of the universe, sparking curiosity about the endless possibilities in space science.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School Geography** Students learn to study the Earth's landscape in Middle School Geography. In this course, students learn that geography extends beyond physical structures by exploring geographical facets such as regions, ethnicities, and trade routes, in addition to landforms. By studying the geography, history, culture, religion, and contemporary issues facing a certain group of people or a specific area of space, students discover a significant amount of information about people in the present and in the past.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 6** Middle School Integrated Science 6 blends physical, life, earth, and space science into one investigation-driven course. Students study matter and energy, cells and living systems, weather and climate patterns, and Earth's place in the solar system, using models, data, and simple experiments to explain how the natural world works.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 7** Middle School Integrated Science 7 continues the integrated sequence with a focus on chemical reactions, energy transfer, body systems and heredity, ecosystems, and Earth's changing surface. Students design investigations, analyze data, and build explanations supported by evidence.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 8** Middle School Integrated Science 8 prepares students for high school science through the study of forces and motion, waves and electromagnetic radiation, natural selection and evolution, human impact on Earth systems, and the structure of the universe. Engineering design challenges ask students to apply what they learn to real problems.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Life Science** Welcome to an engaging and exploratory journey through the fascinating world of Life Science! This course is designed to ignite curiosity, foster a deep understanding of life at various levels, and encourage a hands-on approach to learning about the living world around us. As we embark on this adventure, we'll dive into the foundational concepts of life science, exploring the intricacies of living organisms, their environments, and the complex interactions that sustain life on Earth.	S1 | S2 | YEAR

S-Initial Credit AUTO GRADED

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Science	**Middle School Physical Science** Middle School Physical Science introduces students to the foundational concepts of both physics and chemistry. Students begin by studying topics related to the nature of science and engineering, where they gain the skills necessary to succeed in inquiry-based and engineering labs. They move on to learn the general principles of chemistry and physics, including matter and energy, chemical reactions, motion and forces, and interactions of waves. This course allows students to explore these major concepts through unique labs based on real-world phenomena.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School U.S. History** Middle School U.S. History explores the history of the United States from before the arrival of Europeans in North America to the events of the 2016 presidential election. Students begin the course by examining North America before the arrival of European explorers and the establishment of colonies. Students learn about life in the colonies, British rule, and the events that led to the Revolutionary War. After learning about the American Revolution, students explore early U.S. government, westward expansion, the influence of the Industrial Revolution, and the Civil War. Then, they study life after the Civil War, Progressivism, Imperialism, and the onset of World War I. Next, students analyze the Roaring Twenties, the Great Depression, and World War II. Finally, students examine the Civil Rights movement, the Cold War, life in the 1960s and 1970s, and modern-day policies and events.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School World Geography** Middle School World Geography introduces students to the physical and human geography of the world's major regions. Students study landforms, climate, natural resources, population patterns, culture, and economies, and they practice reading and creating maps, charts, and graphs to explain how people interact with the places they live.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School World History** Middle School World History surveys the development of civilizations from the ancient world to the present. Students examine the rise of early societies, classical empires, world religions, medieval kingdoms, exploration and revolution, industrialization, and the global conflicts and connections of the modern era.	S1 | S2 | YEAR

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Algebra 1** Algebra 1 is a comprehensive, yearlong course that lays the foundational concepts for all future mathematics courses. It covers ten units including the foundations of algebra, linear equations, functions, polynomials, and more complex topics like exponential functions, as well as sequences and series. Students will learn to apply algebra to real-world situations, translating them into algebraic expressions and solving various equations and inequalities. The course emphasizes practical applications and in-depth understanding of algebraic principles, such as graphing linear and quadratic equations, working with functions, and exploring the properties of polynomials and rational expressions.	S1 | S2 | YEAR

S-Initial Credit AUTO GRADED

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Algebra 2** Algebra 2 is designed to deepen understanding and proficiency in a range of algebraic concepts, meeting the rigorous requirements of the Common Core State Standards (CCSS). As students embark on this mathematical journey, they will explore complex numbers, quadratic functions, polynomial expressions, and beyond, ensuring a comprehensive grasp of Algebra 2 principles. The course not only emphasizes the mastery of skills but also the application of these skills in solving real-world problems. From crafting and solving equations in various forms to interpreting complex number operations, the course provides a robust foundation in high-level algebra.	S1 | S2 | YEAR
9, 10, 11, 12	Arts	**Art History** This Art History course will introduce high school students to the fascinating world of art, spanning various periods and cultures. Through the exploration of significant artworks and movements, students will develop an understanding of the evolution of art and its influence on societies throughout history. The course will include interactive discussions, visual analysis, and hands-on activities to engage students in critical thinking and creative expression.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Biology** The high school Biology course offers an exploration of life sciences, beginning with an introduction to biology and scientific methodologies, followed by in-depth studies of cell biology, genetics, and heredity. Students will learn about evolutionary biology and natural selection, gaining an understanding of the mechanisms that drive life's diversity and complexity. The course also covers ecology, where students learn about ecosystems, biodiversity, and human impacts on the environment. Human biology and physiology are explored, providing insights into body systems and their functions. The course includes studies of biochemistry, plant biology, microbiology, and the interconnectedness of Earth's systems with biology.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	**Career Preparation** This high school career preparation course is designed as a comprehensive journey, guiding students through the intricacies of self-discovery, career exploration, and the development of essential skills for the workplace and beyond. As the educator leading this voyage, you'll be equipped with a curriculum that not only addresses the practicalities of job searching and workplace dynamics but also delves deeply into the personal growth and self-awareness necessary for students to forge their own paths in the world.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Chemistry** Chemistry gives students a deeper understanding of the world around them as they investigate how chemistry is involved in everyday life. Students explore fundamental chemistry content and concepts, including the metric system, the periodic table, atomic structures, bonding, chemical reactions, and nuclear reactions. They apply their knowledge and science process skills through labs that use common, household objects in order to explore the practicality of chemistry. As a prerequisite to Chemistry, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Earth and Space Science** Welcome to High School Earth and Space Science! This course is designed to provide students with a comprehensive understanding of Earth and space systems, exploring topics ranging from geological processes to celestial mechanics. Utilizing the Next Generation Science Standards (NGSS), students will engage in hands-on activities, scientific inquiry, and critical thinking to deepen their understanding of the natural world and humanity's place within it.	S1 | S2 | YEAR

S-Initial Credit AUTO GRADED

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	**Economics** The High School Economics course, designed for a semester, encompasses five units, blending foundational concepts. Unit 1 introduces economics, focusing on supply and demand principles. Microeconomics is the focus of Unit 2, discussing market types, business organizations, production costs, profit maximization, labor markets, income distribution, government regulation, market failures, and public and common goods. Unit 3 shifts to macroeconomics, exploring GDP, business cycles, unemployment, inflation, fiscal and monetary policies, the Federal Reserve, international trade, and exchange rates. Personal Finance Economics in Unit 4 teaches budgeting, saving, investing, credit, loans, taxes, insurance, retirement planning, risk management, financial markets, and economic indicators. Finally, Unit 5 delves into special topics like behavioral economics, environmental economics, and the economics of education.	S1 | S2
9, 10, 11, 12	English Language Arts	**English 10th Grade** English 10th Grade covers a wide range of language arts skills, including reading, writing, literature, drama, poetry, argumentation, and media literacy. The course is structured into ten units, each focusing on different aspects such as storytelling elements, literature analysis, nonfiction texts, research methodologies, and drama and poetry analysis. Students will develop an understanding of narrative and argumentative writing, enhance their skills in informational text analysis, and learn effective research and presentation techniques.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 11th Grade** English 11th Grade is an advanced English Language Arts course focusing on American literature from its early beginnings to contemporary works. The course is structured into ten units, including Romanticism, Transcendentalism, Realism, Naturalism, Modernism, the Harlem Renaissance, Post-War and Contemporary Literature, as well as Poetry, Song, and Dystopian Literature. Students engage in critical reading, writing, and rhetorical analysis. The course emphasizes language mechanics, the power of rhetoric, character and narrative analysis, and the exploration of various thematic and cultural contexts.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 12th Grade** English 12th Grade is a comprehensive high school course focusing on British Literature. Throughout ten units, students explore key periods in British literature, from the Medieval era to Modernism, understanding the historical and cultural contexts that shaped these literary works. The course emphasizes skill development in textual analysis, argumentative writing, critical thinking, and research, with exposure to a diverse range of classic and modern texts. Students will enhance their vocabulary and language skills through literary analysis and explore themes such as religion, identity, social change, and globalization.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 9th Grade** English 9th Grade is an in-depth exploration of English language and literature, designed to build a strong foundation in grammar, language mechanics, and literary analysis. Starting with a focus on grammar and language mechanics, students learn about parts of speech, sentence structures, and effective use of punctuation, ensuring a strong grasp of written English. The course then covers literary elements through the study of various genres, including short stories, poetry, drama, and global literature. Students also engage with informational texts and argumentation, developing skills in critical analysis, persuasive writing, and media literacy.	S1 | S2 | YEAR

S-Initial Credit AUTO GRADED

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	**Environmental Science** The Environmental Science course offers a comprehensive look at the planet's ecosystems, biodiversity, and the human impact on the environment. Students will cover the fundamentals of ecology, the importance of biodiversity, and the challenges facing natural resources, including water, soil, and mineral conservation. The course covers atmospheric science, emphasizing climate change, greenhouse effects, and strategies for mitigation and adaptation. Additional units focus on the hydrosphere and geosphere, exploring water and land pollution, waste management, and the importance of recycling.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Financial Literacy** This one-semester Financial Literacy course for high school students is designed to provide students with essential skills and knowledge for making sound financial decisions. Beginning with an introduction to personal finance, students learn about income types, taxes, job benefits, and financial planning. The course progresses to cover consumer behavior, budgeting, and smart purchasing, including understanding loans, credit scores, and effective debt management. A significant focus is placed on saving and investing, where students explore savings accounts, compound interest, and investment vehicles like stocks and bonds.	S1 | S2
9, 10, 11, 12	Mathematics	**Geometry** Embark on a geometric journey that unveils the beauty and precision of spatial reasoning with our comprehensive Geometry course. From the foundational principles of Euclidean geometry to the intricacies of trigonometric relationships and solid figures, this course equips students with the tools and techniques necessary to explore and analyze the world of shapes and spatial structures.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Health** This year-long comprehensive health education course provides students with the knowledge, skills, and understanding needed to maintain and improve their physical, mental, and social well-being. Through ten integrated units, students explore crucial aspects of personal and community health while developing practical skills for healthy decision-making and lifestyle choices. This course takes a holistic approach to health education, emphasizing the interconnection between physical, mental, and social health. Students will engage with evidence-based content while developing critical thinking skills, practicing effective communication, and learning to access and evaluate health information in the digital age.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Integrated Math 1** Integrated Math 1 provides a comprehensive foundation in algebra, geometry, and trigonometry, emphasizing connections between mathematical concepts and real-world applications. Through a series of structured units, students will develop essential problem-solving skills, mathematical reasoning, and critical thinking abilities. The course progresses from fundamental algebraic concepts to more advanced topics like functions, geometry, and quadratic equations.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Integrated Math 2** Integrated Math II is designed to build upon the mathematical concepts introduced in Integrated Math I, focusing on exponential and logarithmic equations and functions, polynomials, radicals and complex numbers, matrices, angles, congruence and similarity, sequences and series, probability, statistics, and triangles. Students will develop critical thinking and problem-solving skills as they explore these topics and their applications in real-world scenarios. The course emphasizes the development of mathematical fluency, reasoning, and communication skills necessary for success in higher-level mathematics courses and everyday life.	S1 | S2 | YEAR

S-Initial Credit AUTO GRADED

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Integrated Math 3** Welcome to Advanced Integrated Mathematics III! This course is designed to provide students with a comprehensive understanding of advanced mathematical concepts and their real-world applications. Throughout this course, students will explore topics ranging from geometric relationships and measurements to advanced algebraic concepts, including functions, trigonometry, vectors, complex numbers, and conic sections.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Nutrition and Wellness** To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight to how you age to how well you think. You'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Physical Education** Each unit integrates engaging core concepts and exciting real world scenarios with practical skills and applies an exercise model to design effective fitness programs for students. This includes interactive fitness activities, a dive into nutrition and how it correlates with exercise, as well as innovative approaches to seeing fitness as a positive lifelong journey. This glimpse into lifelong fitness includes an opportunity for students to calculate and monitor heart rate, understand the cardiovascular system and the importance of stretching and mobility, as well as highlights the constructive role of sport participation and how it is related to fostering personal development and community involvement. By incorporating these concepts in a cohesive manner, the course ensures holistic development, wellness enhancement, and an opportunity to look at fitness as a crucial long-term health benefit.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Physical Science** Physical Science are introduced to the principles of chemistry and physics so that they may develop a better understanding of atoms, chemical reactions, and nuclear interactions. Students explore the properties and states of matter and investigate chemical bonds and reactions. Students will investigate the development of the periodic table, an outline of modern atomic theory, and organic and nuclear chemistry. Additionally, students study Newton's laws of motion while considering the interactions between motion, forces, energy, and thermodynamics. As a prerequisite to Physical Science, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Physics** Students enrolled in Physics advance their knowledge and understanding of concepts in previous general science courses. In this course, students examine classical mechanics while learning to calculate concepts in one-dimensional, two-dimensional, and circular motion. Students explore work and energy in addition to the concepts of waves, sound, light, optics, and electromagnetism. The course concludes with an analysis of nuclear physics and a debate on quantum physics. This course requires students to use fundamental algebra and analytical skills to solve problems and analyze situations. As a prerequisite to Physics, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge. While the completion of Trigonometry is not required, a pre-or co-requisite of Trigonometry will allow students to be better prepared for calculations involving dynamics, vectors, and kinematics.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Precalculus** Precalculus bridges algebra, geometry, and trigonometry into a unified study of functions and their behavior. Students graph and transform function families, solve trigonometric and logarithmic equations, examine limits informally, and use matrices, vectors, and parametric equations to describe motion and change. The course closes with an introduction to the ideas of rate of change and accumulation that open calculus.	S1 | S2 | YEAR

S-Initial Credit AUTO GRADED

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	Psychology This year-long Psychology elective provides students with an understanding of human behavior and mental processes. The course begins with an introduction to psychology, exploring its history, methodologies, and various schools of thought. Students will cover topics like neuroscience and behavior, learning about the brain's structure and its influence on cognition and behavior. The course covers developmental psychology, examining human growth and psychological changes from infancy through adulthood. Through case studies, students gain a real-world understanding of psychological concepts and their applications in everyday life.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Real-World Math Welcome to our journey through the fascinating world of mathematics. This high school mathematics course is designed to weave together the elegance of mathematics with the tangible experiences of the world around us. Through a series of ten carefully curated and CCSS (2024) aligned units, students will embark on a journey from the foundational elements of basic mathematical concepts to the sophisticated realms of statistical analysis, probability, personal finance, and the fascinating interplay between mathematics, art, and music. This course is not just about numbers; it's a narrative revealing the mathematical beauty, order, and complexity of our natural world.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	Spanish 1 Spanish I provides students with a strong foundation of the Spanish language and its cultural influences. From pronunciation to basic grammar and practical vocabulary, students gain a fundamental understanding of written and conversational Spanish. Students practice pronunciation sounds, greetings and introductions, questions, and present-tense verb conjugation. Students learn how to describe people, school, and pastime activities in addition to likes and dislikes.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	Spanish 2 Spanish II is the next course in the Spanish sequence, and this course introduces complex grammatical components, such as reflexive verbs and the present progressive, preterite, and imperfect tenses, along with idiomatic expressions unique to the Spanish language. Building on an ever-growing lexicon, students incorporate concepts to form questions, express preferences and possession, discuss the past, and describe and compare people, places, and locations.	S1 | S2 | YEAR

S-Initial Credit AUTO GRADED

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	U.S. Government U.S. Government examines how American government is structured and how citizens shape it. Students study the constitutional foundations of the republic, the powers of the legislative, executive, and judicial branches, federalism and state government, civil rights and civil liberties, elections and political parties, and the role of media and interest groups in public policy.	S1 | S2
9, 10, 11, 12	Social Studies	U.S. History U.S. History traces the nation's story from westward expansion and industrialization through the World Wars, the Great Depression, the civil rights movement, the Cold War, and into contemporary America. Students analyze primary sources, evaluate competing interpretations, and connect historical developments to the issues of today.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	World Geography This comprehensive course on World Geography is designed to cover significant geographic concepts, physical and human geography, and the pressing global issues of environmental sustainability. Through a series of 10 units, students will explore the diverse landscapes of the Earth, the intricate interplay between human activities and the environment, and the innovative solutions aimed at creating a sustainable future. Each unit incorporates inquiry-based questions to foster critical thinking, aligning with the Next Generation Science Standards (NGSS) on Human Impacts on Earth Systems and Global Climate Change, among others.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	World History This comprehensive World History course spans from early civilizations to the modern world, offering a deep dive into global history. Students begin with the ancient civilizations of Mesopotamia, Egypt, India, and China, understanding their contributions to human development. The journey continues through the classical period, medieval times, the Renaissance, and the age of exploration, highlighting significant cultural, political, and technological advancements. The course covers the World Wars, the Cold War, decolonization, and the rise of globalization, emphasizing their impact on contemporary society.	S1 | S2 | YEAR



S-Honors Catalog

Honors Courses for Students Ready to Go Further

SchoolsPLP Honors courses provide the highest level of rigor within the SchoolsPLP Initial Credit catalog for students in grades 9–12. Designed for advanced learners, each course includes the complete instructional experience, with all assignments and summary/reflection activities available throughout the course.

Students engage in deeper analysis, extended written responses, projects, discussions, presentations, and assessments that require them to demonstrate their learning. The consistent course structure includes lessons, assignments, summary/reflection activities, quizzes, unit tests, and a final exam.

These courses are appropriate for honors-level instruction and are NCAA approved. Teachers remain responsible for reviewing student work, providing feedback, and ensuring that local honors or NCAA requirements are met.

Hidden Items (if applicable)
Pre-tests are hidden by default and weighted at 0%. Teachers may preview or make them visible at any time. All assignments and summary/reflection activities remain open.

NCAA & A-G Approved

All 9-12 grade level courses hold UC A-G and NCAA approval

Default Weights

Weights may be adjusted to meet district, school, or teacher requirements.

GRADES 9-12

Pretest	0%
Lessons	10%
Assignments	15%
Summary/Reflection	10%
Quizzes	20%
Unit Tests	30%
Final Exam	15%

Assignments and summary/reflection are open to provide the highest level of rigor and the greatest opportunity for students to demonstrate learning.

S H S-Honors

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	Algebra 1 ★ ◉ Algebra 1 is a comprehensive, yearlong course that lays the foundational concepts for all future mathematics courses. It covers ten units including the foundations of algebra, linear equations, functions, polynomials, and more complex topics like exponential functions, as well as sequences and series. Students will learn to apply algebra to real-world situations, translating them into algebraic expressions and solving various equations and inequalities. The course emphasizes practical applications and in-depth understanding of algebraic principles, such as graphing linear and quadratic equations, working with functions, and exploring the properties of polynomials and rational expressions.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Algebra 2 ★ ◉ Algebra 2 is designed to deepen understanding and proficiency in a range of algebraic concepts, meeting the rigorous requirements of the Common Core State Standards (CCSS). As students embark on this mathematical journey, they will explore complex numbers, quadratic functions, polynomial expressions, and beyond, ensuring a comprehensive grasp of Algebra 2 principles. The course not only emphasizes the mastery of skills but also the application of these skills in solving real-world problems. From crafting and solving equations in various forms to interpreting complex number operations, the course provides a robust foundation in high-level algebra.	S1 | S2 | YEAR
9, 10, 11, 12	Arts	Art History ★ ◉ This Art History course will introduce high school students to the fascinating world of art, spanning various periods and cultures. Through the exploration of significant artworks and movements, students will develop an understanding of the evolution of art and its influence on societies throughout history. The course will include interactive discussions, visual analysis, and hands-on activities to engage students in critical thinking and creative expression.	S1 | S2 | YEAR
9, 10, 11, 12	Science	Biology ★ ◉ The high school Biology course offers an exploration of life sciences, beginning with an introduction to biology and scientific methodologies, followed by in-depth studies of cell biology, genetics, and heredity. Students will learn about evolutionary biology and natural selection, gaining an understanding of the mechanisms that drive life's diversity and complexity. The course also covers ecology, where students learn about ecosystems, biodiversity, and human impacts on the environment. Human biology and physiology are explored, providing insights into body systems and their functions. The course includes studies of biochemistry, plant biology, microbiology, and the interconnectedness of Earth's systems with biology.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Career Preparation ★ ◉ This high school career preparation course is designed as a comprehensive journey, guiding students through the intricacies of self-discovery, career exploration, and the development of essential skills for the workplace and beyond. As the educator leading this voyage, you'll be equipped with a curriculum that not only addresses the practicalities of job searching and workplace dynamics but also delves deeply into the personal growth and self-awareness necessary for students to forge their own paths in the world.	S1 | S2 | YEAR
9, 10, 11, 12	Science	Chemistry ★ ◉ Chemistry gives students a deeper understanding of the world around them as they investigate how chemistry is involved in everyday life. Students explore fundamental chemistry content and concepts, including the metric system, the periodic table, atomic structures, bonding, chemical reactions, and nuclear reactions. They apply their knowledge and science process skills through labs that use common, household objects in order to explore the practicality of chemistry. As a prerequisite to Chemistry, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR

★ **NCAA** ◉ **A-G approved**

S-Honors

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	Earth and Space Science ★ ◉ Welcome to High School Earth and Space Science! This course is designed to provide students with a comprehensive understanding of Earth and space systems, exploring topics ranging from geological processes to celestial mechanics. Utilizing the Next Generation Science Standards (NGSS), students will engage in hands-on activities, scientific inquiry, and critical thinking to deepen their understanding of the natural world and humanity's place within it.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	Economics ★ ◉ The High School Economics course, designed for a semester, encompasses five units, blending foundational concepts. Unit 1 introduces economics, focusing on supply and demand principles. Microeconomics is the focus of Unit 2, discussing market types, business organizations, production costs, profit maximization, labor markets, income distribution, government regulation, market failures, and public and common goods. Unit 3 shifts to macroeconomics, exploring GDP, business cycles, unemployment, inflation, fiscal and monetary policies, the Federal Reserve, international trade, and exchange rates. Personal Finance Economics in Unit 4 teaches budgeting, saving, investing, credit, loans, taxes, insurance, retirement planning, risk management, financial markets, and economic indicators. Finally, Unit 5 delves into special topics like behavioral economics, environmental economics, and the economics of education.	S1 | S2
9, 10, 11, 12	English Language Arts	English 10th Grade ★ ◉ English 10th Grade covers a wide range of language arts skills, including reading, writing, literature, drama, poetry, argumentation, and media literacy. The course is structured into ten units, each focusing on different aspects such as storytelling elements, literature analysis, nonfiction texts, research methodologies, and drama and poetry analysis. Students will develop an understanding of narrative and argumentative writing, enhance their skills in informational text analysis, and learn effective research and presentation techniques.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	English 11th Grade ★ ◉ English 11th Grade is an advanced English Language Arts course focusing on American literature from its early beginnings to contemporary works. The course is structured into ten units, including Romanticism, Transcendentalism, Realism, Naturalism, Modernism, the Harlem Renaissance, Post-War and Contemporary Literature, as well as Poetry, Song, and Dystopian Literature. Students engage in critical reading, writing, and rhetorical analysis. The course emphasizes language mechanics, the power of rhetoric, character and narrative analysis, and the exploration of various thematic and cultural contexts.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	English 12th Grade ★ ◉ English 12th Grade is a comprehensive high school course focusing on British Literature. Throughout ten units, students explore key periods in British literature, from the Medieval era to Modernism, understanding the historical and cultural contexts that shaped these literary works. The course emphasizes skill development in textual analysis, argumentative writing, critical thinking, and research, with exposure to a diverse range of classic and modern texts. Students will enhance their vocabulary and language skills through literary analysis and explore themes such as religion, identity, social change, and globalization.	S1 | S2 | YEAR

★ **NCAA** ◉ **A-G approved**

S H S-Honors

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	English Language Arts	English 9th Grade ★ ◉ English 9th Grade is an in-depth exploration of English language and literature, designed to build a strong foundation in grammar, language mechanics, and literary analysis. Starting with a focus on grammar and language mechanics, students learn about parts of speech, sentence structures, and effective use of punctuation, ensuring a strong grasp of written English. The course then covers literary elements through the study of various genres, including short stories, poetry, drama, and global literature. Students also engage with informational texts and argumentation, developing skills in critical analysis, persuasive writing, and media literacy.	S1 | S2 | YEAR
9, 10, 11, 12	Science	Environmental Science ★ ◉ The Environmental Science course offers a comprehensive look at the planet's ecosystems, biodiversity, and the human impact on the environment. Students will cover the fundamentals of ecology, the importance of biodiversity, and the challenges facing natural resources, including water, soil, and mineral conservation. The course covers atmospheric science, emphasizing climate change, greenhouse effects, and strategies for mitigation and adaptation. Additional units focus on the hydrosphere and geosphere, exploring water and land pollution, waste management, and the importance of recycling.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Financial Literacy ★ ◉ This one-semester Financial Literacy course for high school students is designed to provide students with essential skills and knowledge for making sound financial decisions. Beginning with an introduction to personal finance, students learn about income types, taxes, job benefits, and financial planning. The course progresses to cover consumer behavior, budgeting, and smart purchasing, including understanding loans, credit scores, and effective debt management. A significant focus is placed on saving and investing, where students explore savings accounts, compound interest, and investment vehicles like stocks and bonds.	S1 | S2
9, 10, 11, 12	Mathematics	Geometry ★ ◉ Embark on a geometric journey that unveils the beauty and precision of spatial reasoning with our comprehensive Geometry course. From the foundational principles of Euclidean geometry to the intricacies of trigonometric relationships and solid figures, this course equips students with the tools and techniques necessary to explore and analyze the world of shapes and spatial structures.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	Health ★ ◉ This year-long comprehensive health education course provides students with the knowledge, skills, and understanding needed to maintain and improve their physical, mental, and social well-being. Through ten integrated units, students explore crucial aspects of personal and community health while developing practical skills for healthy decision-making and lifestyle choices. This course takes a holistic approach to health education, emphasizing the interconnection between physical, mental, and social health. Students will engage with evidence-based content while developing critical thinking skills, practicing effective communication, and learning to access and evaluate health information in the digital age.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Integrated Math 1 ★ ◉ Integrated Math 1 provides a comprehensive foundation in algebra, geometry, and trigonometry, emphasizing connections between mathematical concepts and real-world applications. Through a series of structured units, students will develop essential problem-solving skills, mathematical reasoning, and critical thinking abilities. The course progresses from fundamental algebraic concepts to more advanced topics like functions, geometry, and quadratic equations.	S1 | S2 | YEAR

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S H S-Honors

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	Integrated Math 2 ★ ◉ Integrated Math II is designed to build upon the mathematical concepts introduced in Integrated Math I, focusing on exponential and logarithmic equations and functions, polynomials, radicals and complex numbers, matrices, angles, congruence and similarity, sequences and series, probability, statistics, and triangles. Students will develop critical thinking and problem-solving skills as they explore these topics and their applications in real-world scenarios. The course emphasizes the development of mathematical fluency, reasoning, and communication skills necessary for success in higher-level mathematics courses and everyday life.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Integrated Math 3 ★ ◉ Welcome to Advanced Integrated Mathematics III! This course is designed to provide students with a comprehensive understanding of advanced mathematical concepts and their real-world applications. Throughout this course, students will explore topics ranging from geometric relationships and measurements to advanced algebraic concepts, including functions, trigonometry, vectors, complex numbers, and conic sections.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	Nutrition and Wellness ★ ◉ To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight to how you age to how well you think. You'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	Physical Education ★ ◉ Each unit integrates engaging core concepts and exciting real world scenarios with practical skills and applies an exercise model to design effective fitness programs for students. This includes interactive fitness activities, a dive into nutrition and how it correlates with exercise, as well as innovative approaches to seeing fitness as a positive lifelong journey. This glimpse into lifelong fitness includes an opportunity for students to calculate and monitor heart rate, understand the cardiovascular system and the importance of stretching and mobility, as well as highlights the constructive role of sport participation and how it is related to fostering personal development and community involvement. By incorporating these concepts in a cohesive manner, the course ensures holistic development, wellness enhancement, and an opportunity to look at fitness as a crucial long-term health benefit.	S1 | S2 | YEAR
9, 10, 11, 12	Science	Physical Science ★ ◉ Physical Science are introduced to the principles of chemistry and physics so that they may develop a better understanding of atoms, chemical reactions, and nuclear interactions. Students explore the properties and states of matter and investigate chemical bonds and reactions. Students will investigate the development of the periodic table, an outline of modern atomic theory, and organic and nuclear chemistry. Additionally, students study Newton's laws of motion while considering the interactions between motion, forces, energy, and thermodynamics. As a prerequisite to Physical Science, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR

★ **NCAA** ◉ **A-G approved**

S H S-Honors

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	**Physics** ★ ◉ Students enrolled in Physics advance their knowledge and understanding of concepts in previous general science courses. In this course, students examine classical mechanics while learning to calculate concepts in one-dimensional, two-dimensional, and circular motion. Students explore work and energy in addition to the concepts of waves, sound, light, optics, and electromagnetism. The course concludes with an analysis of nuclear physics and a debate on quantum physics. This course requires students to use fundamental algebra and analytical skills to solve problems and analyze situations. As a prerequisite to Physics, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge. While the completion of Trigonometry is not required, a pre-or co-requisite of Trigonometry will allow students to be better prepared for calculations involving dynamics, vectors, and kinematics.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Precalculus** ★ ◉ Precalculus bridges algebra, geometry, and trigonometry into a unified study of functions and their behavior. Students graph and transform function families, solve trigonometric and logarithmic equations, examine limits informally, and use matrices, vectors, and parametric equations to describe motion and change. The course closes with an introduction to the ideas of rate of change and accumulation that open calculus.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	**Psychology** ★ ◉ This year-long Psychology elective provides students with an understanding of human behavior and mental processes. The course begins with an introduction to psychology, exploring its history, methodologies, and various schools of thought. Students will cover topics like neuroscience and behavior, learning about the brain's structure and its influence on cognition and behavior. The course covers developmental psychology, examining human growth and psychological changes from infancy through adulthood. Through case studies, students gain a real-world understanding of psychological concepts and their applications in everyday life.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Real-World Math** ★ ◉ Welcome to our journey through the fascinating world of mathematics. This high school mathematics course is designed to weave together the elegance of mathematics with the tangible experiences of the world around us. Through a series of ten carefully curated and CCSS (2024) aligned units, students will embark on a journey from the foundational elements of basic mathematical concepts to the sophisticated realms of statistical analysis, probability, personal finance, and the fascinating interplay between mathematics, art, and music. This course is not just about numbers; it's a narrative revealing the mathematical beauty, order, and complexity of our natural world.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	**Spanish 1** ★ ◉ Spanish I provides students with a strong foundation of the Spanish language and its cultural influences. From pronunciation to basic grammar and practical vocabulary, students gain a fundamental understanding of written and conversational Spanish. Students practice pronunciation sounds, greetings and introductions, questions, and present-tense verb conjugation. Students learn how to describe people, school, and pastime activities in addition to likes and dislikes.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	**Spanish 2** ★ ◉ Spanish II is the next course in the Spanish sequence, and this course introduces complex grammatical components, such as reflexive verbs and the present progressive, preterite, and imperfect tenses, along with idiomatic expressions unique to the Spanish language. Building on an ever-growing lexicon, students incorporate concepts to form questions, express preferences and possession, discuss the past, and describe and compare people, places, and locations.	S1 | S2 | YEAR

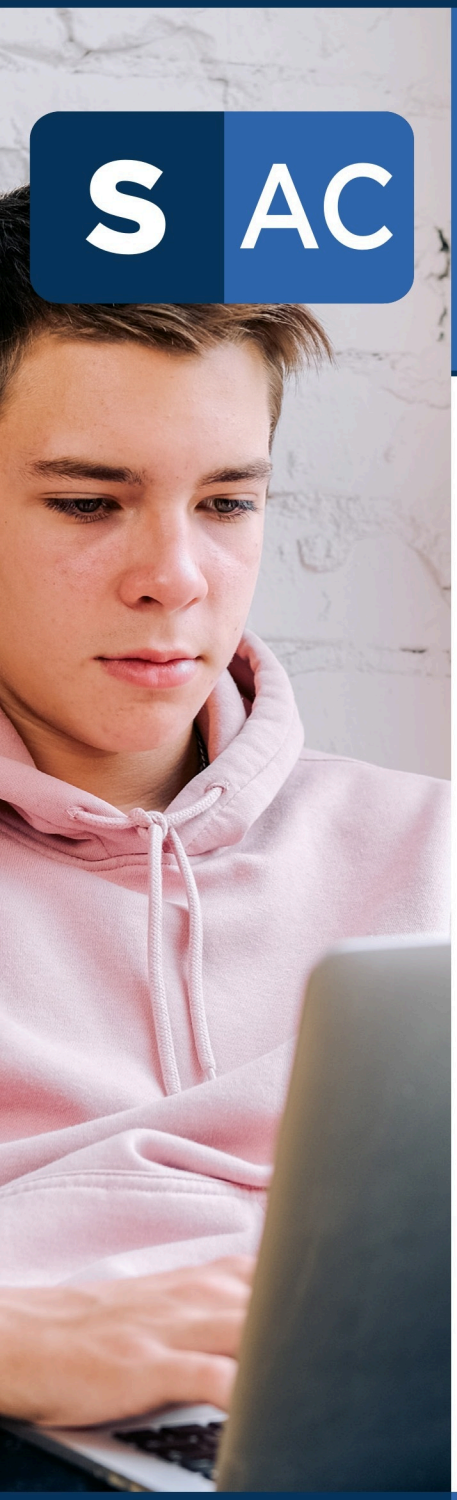
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S H S-Honors

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	U.S. Government ★ ◉ U.S. Government examines how American government is structured and how citizens shape it. Students study the constitutional foundations of the republic, the powers of the legislative, executive, and judicial branches, federalism and state government, civil rights and civil liberties, elections and political parties, and the role of media and interest groups in public policy.	S1 | S2
9, 10, 11, 12	Social Studies	U.S. History ★ ◉ U.S. History traces the nation's story from westward expansion and industrialization through the World Wars, the Great Depression, the civil rights movement, the Cold War, and into contemporary America. Students analyze primary sources, evaluate competing interpretations, and connect historical developments to the issues of today.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	World Geography ★ ◉ This comprehensive course on World Geography is designed to cover significant geographic concepts, physical and human geography, and the pressing global issues of environmental sustainability. Through a series of 10 units, students will explore the diverse landscapes of the Earth, the intricate interplay between human activities and the environment, and the innovative solutions aimed at creating a sustainable future. Each unit incorporates inquiry-based questions to foster critical thinking, aligning with the Next Generation Science Standards (NGSS) on Human Impacts on Earth Systems and Global Climate Change, among others.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	World History ★ ◉ This comprehensive World History course spans from early civilizations to the modern world, offering a deep dive into global history. Students begin with the ancient civilizations of Mesopotamia, Egypt, India, and China, understanding their contributions to human development. The journey continues through the classical period, medieval times, the Renaissance, and the age of exploration, highlighting significant cultural, political, and technological advancements. The course covers the World Wars, the Cold War, decolonization, and the rise of globalization, emphasizing their impact on contemporary society.	S1 | S2 | YEAR

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S-Accommodated Catalog

Built-In Accommodations for Flexible Learning

SchoolsPLP Accommodated courses provide an on-level learning experience for students in grades 3–12 while supporting common accommodation needs. Courses maintain the same core content and learning objectives as the corresponding Initial Credit courses, with approximately 20% fewer questions across lessons, quizzes, unit tests, and final exams.

The reduced question load helps students demonstrate understanding without unnecessary repetition. Lessons receive greater weight in the final grade, placing more emphasis on continued participation, instructional engagement, and progress throughout the course.

Courses may be used in traditional classrooms, virtual programs, or blended learning environments. Teachers may adjust pacing, grading weights, attempts, mastery thresholds, and other settings to align with individual student plans and local requirements.

Hidden Items (if applicable)
Pre-tests are hidden by default and weighted at 0%. Teachers may preview or make them visible at any time.

Default Weights

Weights can be adjusted to teacher's preference.

GRADES 6-8	
Pretest	0%
Lessons	45%
Quizzes	20%
Unit Tests	25%
Final Exam	10%

GRADES 9-12	
Pretest	0%
Lessons	45%
Quizzes	20%
Unit Tests	25%
Final Exam	10%

Courses include approximately 20% fewer questions in lessons, quizzes, unit tests, and final exams, with a heavier grading emphasis placed on lessons.

S-Accommodated

Elementary

Grade	Subject Area	Course Name	Course Length
1	Science	1st Science COMING SOON Science 1 extends students' exploration of the natural world. Along the way, students practice making predictions and observations, experimenting, and using scientific tools and problem-solving skills. In this course, students investigate animals and plants, identify the basic needs of all living things, and compare and contrast plant and animal families. They examine how humans solve problems by mimicking plant and animal structures and functions. This course also introduces patterns of the sun, moon, stars, and Earth that can be predicted. Students observe and discover the properties of light and sound and learn ways to communicate with light and sound. Finally, students develop their ability to distinguish problem from solution and recognize the relationship between cause and effect. This course includes a printed Parent and Teacher Guide that supports student learning.	S1 | S2 | YEAR
1	Social Studies	1st Social Studies COMING SOON Social Studies 1 leads students beyond their local community to consider their place in their state, the nation, and the world. They explore the function and characteristics of government in the United States, including the role of rules and laws and the rights and responsibilities of citizens. Students also learn how to ask questions and gather information to understand history. The course focuses on developing students' knowledge of the interplay between the physical world and human societies, as they learn basic geography skills, such as map reading, and examine the impact of the environment on how and where people live and how regional variations drive trade in both goods and services. Finally, students build their understanding of good citizenship by identifying ways to contribute to the community and avoid conflict and by interacting respectfully with others. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
2	Science	2nd Science COMING SOON Students investigate life, earth, and physical science concepts through guided inquiry and observations.	S1 | S2 | YEAR
2	Social Studies	2nd Social Studies COMING SOON Social Studies 2 empowers students to become productive citizens by developing their knowledge and skills in civics, history, geography, and economics. They deepen their understanding of the U.S. government by explaining the role of the three branches of government and of the U.S. Constitution. Students extend their knowledge of U.S. history to recognize the impact of important figures and movements of the past, and they begin to think like historians by identifying reliable sources, crafting compelling questions, distinguishing fact and opinion, and using timelines to structure series of events. The course highlights the role of international relations, including both alliances and international trade, as well as the importance of geography and regional variations in resources and production. Finally, students learn core concepts of economics, including supply and demand, scarcity, and cost and benefits, as well as the functions of banks, and relate these concepts to individuals and communities. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
1	English Language Arts	English 1st Grade COMING SOON English 1st Grade focuses on developing reading, writing, spelling, speaking, and listening skills. In this course, students begin to understand that spoken and written language can be broken into phonemes. They use rhyming, blending, and segmenting to develop the foundation needed to become an emergent reader. Students read prose, poetry, and informational texts for comprehension. They learn to interpret the ways in which stories and poems appeal to the senses and to identify the main topic and key ideas within texts. Students increase their vocabulary by learning to use morphemic and contextual analysis to determine the meaning of unknown words. Students learn to spell new words using various spelling rules. Students hone their writing skills by practicing grammar rules for noun usage, personal possessive and indefinite pronouns, verb tenses, capitalization, commas, and end punctuation. In doing so, they learn to produce and expand sentences and to write opinion pieces, informational pieces, and narratives. This year, students begin learning how to research information and how to use their research to answer questions. They identify and use various parts of a book, such as headings and the table of contents. They also use digital tools to publish their writing. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

S AC S-Accommodated

Elementary

Grade	Subject Area	Course Name	Course Length
2	English Language Arts	English 2nd Grade COMING SOON English 2nd Grade central concepts are reading, writing, spelling, speaking, and listening. This year, students begin to transition from learning to read to reading to learn. Students continue to develop their phonemic awareness by learning to recognize word families, word origins, and irregularly spelled words. They also begin to use linking words to connect opinions and reasons and time-order words to signal the order of events. While reading, students work to distinguish fact from opinion, decipher an author's reason, and identify the main topic of a multi-paragraph text. Students sample multiple genres of literature, including fiction, nonfiction, poetry, folktales, and fables, while exploring story elements such as plot, setting, characterization, and the author's point of view. They also learn to distinguish between the main idea and the theme of a story. Students develop their writing skills by composing narrative, persuasive, and informative essays, as well as creative writing pieces. Additionally, they practice their research skills by finding facts in multiple sources and using them to produce a science report. Students use a dictionary to reinforce phonetic punctuation and spelling and to identify words with multiple meanings. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
3	English Language Arts	English 3rd Grade Third grade English Language Arts builds fluency in reading, writing, and language. Students read a range of literature and informational texts, analyze story elements and main ideas, expand vocabulary, and strengthen grammar, spelling, and handwriting. They compose narrative, opinion, and informative pieces and practice research and speaking skills.	S1 | S2 | YEAR
4	English Language Arts	English 4th Grade Fourth grade English Language Arts extends reading comprehension across genres, analytical writing, grammar, vocabulary, and research skills. Students read and interpret literature and informational texts, cite evidence, produce multi-paragraph writing, and refine conventions of standard English.	S1 | S2 | YEAR
5	English Language Arts	English 5th Grade Fifth grade English Language Arts develops reading comprehension, literary analysis, essay writing, grammar, vocabulary, and research skills.	S1 | S2 | YEAR
K	English Language Arts	English Kindergarten COMING SOON English Kindergarten encompasses reading, writing, speaking, spelling, and listening skills for students who are emerging learners. This course places a heavy emphasis on the alphabet, as students learn letter names and both uppercase and lowercase letters. Students also learn letter sounds and how to articulate and blend those sounds. It focuses on building reading skills through the use of high-frequency sight words, common prepositions, nouns, verbs, and adjectives. Through grade-level appropriate readings, students explore story elements and the ways in which pictures relate to text. They also learn to summarize a text and to compare and contrast characters, events, and ideas within texts. This course teaches foundational grammar and writing skills, including proper capitalization, spacing between words, and sentence punctuation. Students learn to print words and write complete sentences. Finally, interactive activities throughout the academic year help students develop their speaking and listening skills as well. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
K	Science	K Science COMING SOON Science K introduces emerging learners to the knowledge and skills that will help them discover and understand the natural world around them. In this course, students learn to formulate questions, to predict, and to investigate. They use basic scientific tools, such as a magnifying glass, a ruler, and a thermometer, to make observations and draw on those observations to communicate their findings. They learn to use their five senses as observational tools as well. They deploy their observational skills to describe animals and plants, their basic needs for survival, and their environments. Students discover the effect of sunlight on Earth's surfaces and the difference between sun and shade. Students explore weather types, weather patterns, and seasonal changes. They also examine the characteristics of force, including the difference between a push and a pull. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

S-Accommodated

Elementary

Grade	Subject Area	Course Name	Course Length
K	Social Studies	K Social Studies COMING SOON Social Studies K introduces emerging learners to the knowledge and skills that will help them to become active and valued participants in their community. Students discover the importance of rules and regulations in guiding community behavior, and they explore good citizenship and values such as respect, democracy, cooperation, and equality. Social Studies K establishes students' understanding of the past by teaching them the importance of a sequence of events and developing their skill in distinguishing fact from opinion. Finally, students learn about the world around them, including how geography influences society, how maps represent places, and how communities rely on trade in goods and services. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
1	Mathematics	Math 1st Grade COMING SOON In Mathematics 1, students begin to learn mathematics in a more formal way. They focus on rote counting to 120 and practice reading and writing these numbers. In addition to strengthening their addition and subtraction skills, they compare two-digit numbers using place values and the comparison symbols for greater than, less than, and equal to. Students measure lengths and use measurements to compare the lengths of multiple objects using nonstandard measuring and units. They strengthen their geometry skills by drawing two-dimensional and three-dimensional shapes, and they explore fractions by dividing those shapes into halves and quarters. Students also organize, represent, and interpret data in pictures, tables, and charts. Additionally, they tell and write times in hours and half-hours. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
2	Mathematics	Math 2nd Grade COMING SOON Second grade Mathematics focuses on place value, multi-digit addition and subtraction, measurement, data analysis, and geometry concepts.	S1 | S2 | YEAR
3	Mathematics	Math 3rd Grade Third grade Mathematics introduces multiplication and division, fractions, area, perimeter, and data analysis.	S1 | S2 | YEAR
4	Mathematics	Math 4th Grade Fourth grade Mathematics covers multi-digit operations, fractions, decimals, geometry, measurement, and algebraic thinking.	S1 | S2 | YEAR
5	Mathematics	Math 5th Grade Fifth grade Mathematics covers operations with fractions and decimals, volume, coordinate planes, and algebraic expressions.	S1 | S2 | YEAR
K	Mathematics	Math Kindergarten COMING SOON In Mathematics K, students explore the world of mathematics all around them. They begin to develop foundational mathematics skills such as number identification, rote counting to 100 by memory, and place value. They learn the difference between more than and less than and explore the ways in which numbers can be decomposed. Students compare measurements, such as longer and shorter and heavier and lighter. They begin to develop problem-solving skills as they engage with simple addition and subtraction equations and word problems. Finally, students are introduced to basic geometry and learn the names and basic attributes of shapes. This course includes a Parent and Teacher Guide that supports student learning.	S1 | S2 | YEAR
K-5	Science	Science 3 Science 3 guides students on an exploration of the natural world, its animals, its plants, and its terrain. They learn how clouds form, what causes the cycles of seasons and of day and night on Earth, and that light and sound are actually energy. Students examine the Earth's eight major biomes and identify how adaptations help plants and animals to survive varying conditions. They become junior meteorologists, able to explain weather and climate and to use weather instruments and knowledge of patterns to observe and predict the weather.	S1 | S2 | YEAR

S-Accommodated

Elementary

Grade	Subject Area	Course Name	Course Length
K-5	Science	Science 4 Science 4 lays a foundation for future excellence in the STEM fields by introducing technology and engineering concepts, such as simple and complex machines and the steps of the engineering design process. This course encourages students to become innovative problem-solvers equipped with the skills and knowledge necessary to address twenty-first-century issues. Students explore the technical and sometimes surprising facts behind the things they see and experience every day. They expand their knowledge and understanding of topics in the areas of physics, chemistry, Earth science, and life science.	S1 | S2 | YEAR
K-5	Science	Science 5 Science 5 puts the emphasis on doing science. Students build their knowledge by crafting models, conducting experiments, creating terrariums, and making electromagnets. They learn about plant and animal cells and their functions, photosynthesis, and the roles of producers, consumers, and decomposers in an ecosystem. Students explore the global water cycle, the negative impacts of weather, and the relationship between weather and climate. They deepen their understanding of their home planet by investigating landforms, volcanic activity, and the layers of Earth.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 3 Social Studies 3 focuses on the United States, including its government and its laws. Students are encouraged to think about what it means to be productive, responsible citizens of both the nation and their own local communities. To support their learning about U.S. history and differing cultures and perspectives, students develop and research compelling questions on historical topics, work with credible sources, and distinguish between fact and opinion.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 4 Social Studies 4 introduces students to critical analysis as they develop detailed knowledge of the United States, its regions, and the influence of individual perspectives on documents and events. Students assess and use a wide variety of primary and secondary sources to research compelling questions through supporting questions and present interpretations and arguments in both written and oral forms, supporting their positions with details drawn from reliable sources.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 5 Fifth grade Social Studies covers U.S. history from early civilizations through the founding of the nation.	S1 | S2 | YEAR

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	English Language Arts	English 6th Grade This Grade 6 English Language Arts course is structured into ten units, each focusing on vital areas of ELA to ensure a holistic development of students' language skills while meeting Common Core Standards.	S1 | S2 | YEAR

S-Accommodated

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	English Language Arts	English 7th Grade This Grade 7 English Language Arts course covers a wide range of literacy skills and content areas over ten comprehensive units. Each unit is structured to develop students' reading, writing, speaking, and listening abilities, aligning with Common Core State Standards. The course aims to foster a deep appreciation for literature, enhance critical thinking skills, and encourage creative expression.	S1 | S2 | YEAR
6, 7, 8	English Language Arts	English 8th Grade This comprehensive Grade 8 English Language Arts course is designed to engage students in a wide range of literary genres and communication skills, preparing them for high school and beyond. Throughout the course, students will explore classic and contemporary texts, develop critical thinking and analytical skills, and enhance their ability to communicate effectively in various formats.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 6th Grade Embarking on Math 6 marks a crucial transition from elementary concepts to the complexities of secondary mathematics. Our entirely online course, meticulously designed by experienced Math 6 educators, bridges this gap with a comprehensive curriculum delivered through engaging scripted video lessons. These lessons, integrated with interactive assessment questions, ensure that learning transcends traditional memorization, fostering a deep understanding of mathematical principles. Our approach leverages the flexibility and accessibility of digital learning, enabling students to explore essential topics such as Ratios, The Number System, and Geometry at their own pace, while also emphasizing real-world applications to make math both relevant and exciting.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 7th Grade Welcome to 7th Grade Mathematics! This course is designed to provide students with a comprehensive understanding of key mathematical concepts and skills aligned with the Common Core State Standards (CCSS) for 7th grade. Throughout the course, students will explore a wide range of topics, including ratios, proportional relationships, expressions, equations, inequalities, geometry, data analysis, probability, and foundational concepts for transitioning to 8th-grade mathematics.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 8th Grade Embarking on 8th-grade mathematics marks a significant milestone in your academic journey, where you transition from elementary concepts to more complex mathematical principles. Our comprehensive online course, meticulously crafted by seasoned educators, aims to guide you through this transition seamlessly while setting a solid foundation for your future high school mathematics endeavors. Through a series of engaging video lessons, interactive assessments, and real-world problem-solving scenarios, we strive to cultivate a deep understanding of mathematical principles while making learning enjoyable and accessible.	S1 | S2 | YEAR
6, 7, 8	Social Studies	Middle School Civics This comprehensive Civics course for middle school students is designed to introduce and deepen understanding of the principles, structures, and functions of government in the United States, as well as the rights and responsibilities of citizens. Spanning a full academic year, the course is divided into 10 thematic units, each consisting of 9 modules that explore different facets of Civics and government. Through engaging, interactive lessons, students will explore the foundations of government, the Constitution, the three branches of government, civil rights, state and local government, public policy, the economy, media influence, and the importance of civic engagement.	S1 | S2 | YEAR

S-Accommodated

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Science	**Middle School Earth and Space Science** Embark on an exhilarating journey through the realms of Earth and Space Science, a course meticulously crafted for the curious minds of middle school students. This adventure begins with the essentials of scientific inquiry and methods, laying the foundation for a deeper understanding of both Earth and Space Sciences. Students will delve into the intricacies of our planet, exploring the geosphere, hydrosphere, and atmosphere, and uncovering the vast opportunities and careers these fields offer. The exploration extends beyond our terrestrial confines to the wonders of our solar system and the boundless expanse of the universe, sparking curiosity about the endless possibilities in space science.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School Geography** Students learn to study the Earth's landscape in Middle School Geography. In this course, students learn that geography extends beyond physical structures by exploring geographical facets such as regions, ethnicities, and trade routes, in addition to landforms. By studying the geography, history, culture, religion, and contemporary issues facing a certain group of people or a specific area of space, students discover a significant amount of information about people in the present and in the past.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 6** Middle School Integrated Science 6 blends physical, life, earth, and space science into one investigation-driven course. Students study matter and energy, cells and living systems, weather and climate patterns, and Earth's place in the solar system, using models, data, and simple experiments to explain how the natural world works.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 7** Middle School Integrated Science 7 continues the integrated sequence with a focus on chemical reactions, energy transfer, body systems and heredity, ecosystems, and Earth's changing surface. Students design investigations, analyze data, and build explanations supported by evidence.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 8** Middle School Integrated Science 8 prepares students for high school science through the study of forces and motion, waves and electromagnetic radiation, natural selection and evolution, human impact on Earth systems, and the structure of the universe. Engineering design challenges ask students to apply what they learn to real problems.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Life Science** Welcome to an engaging and exploratory journey through the fascinating world of Life Science! This course is designed to ignite curiosity, foster a deep understanding of life at various levels, and encourage a hands-on approach to learning about the living world around us. As we embark on this adventure, we'll dive into the foundational concepts of life science, exploring the intricacies of living organisms, their environments, and the complex interactions that sustain life on Earth.	S1 | S2 | YEAR

S-Accommodated

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Science	Middle School Physical Science Middle School Physical Science introduces students to the foundational concepts of both physics and chemistry. Students begin by studying topics related to the nature of science and engineering, where they gain the skills necessary to succeed in inquiry-based and engineering labs. They move on to learn the general principles of chemistry and physics, including matter and energy, chemical reactions, motion and forces, and interactions of waves. This course allows students to explore these major concepts through unique labs based on real-world phenomena.	S1 | S2 | YEAR
6, 7, 8	Social Studies	Middle School U.S. History Middle School U.S. History explores the history of the United States from before the arrival of Europeans in North America to the events of the 2016 presidential election. Students begin the course by examining North America before the arrival of European explorers and the establishment of colonies. Students learn about life in the colonies, British rule, and the events that led to the Revolutionary War. After learning about the American Revolution, students explore early U.S. government, westward expansion, the influence of the Industrial Revolution, and the Civil War. Then, they study life after the Civil War, Progressivism, Imperialism, and the onset of World War I. Next, students analyze the Roaring Twenties, the Great Depression, and World War II. Finally, students examine the Civil Rights movement, the Cold War, life in the 1960s and 1970s, and modern-day policies and events.	S1 | S2 | YEAR
6, 7, 8	Social Studies	Middle School World Geography Middle School World Geography introduces students to the physical and human geography of the world's major regions. Students study landforms, climate, natural resources, population patterns, culture, and economies, and they practice reading and creating maps, charts, and graphs to explain how people interact with the places they live.	S1 | S2 | YEAR
6, 7, 8	Social Studies	Middle School World History Middle School World History surveys the development of civilizations from the ancient world to the present. Students examine the rise of early societies, classical empires, world religions, medieval kingdoms, exploration and revolution, industrialization, and the global conflicts and connections of the modern era.	S1 | S2 | YEAR

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	Algebra 1 Algebra 1 is a comprehensive, yearlong course that lays the foundational concepts for all future mathematics courses. It covers ten units including the foundations of algebra, linear equations, functions, polynomials, and more complex topics like exponential functions, as well as sequences and series. Students will learn to apply algebra to real-world situations, translating them into algebraic expressions and solving various equations and inequalities. The course emphasizes practical applications and in-depth understanding of algebraic principles, such as graphing linear and quadratic equations, working with functions, and exploring the properties of polynomials and rational expressions.	S1 | S2 | YEAR

S-Accommodated

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Algebra 2** Algebra 2 is designed to deepen understanding and proficiency in a range of algebraic concepts, meeting the rigorous requirements of the Common Core State Standards (CCSS). As students embark on this mathematical journey, they will explore complex numbers, quadratic functions, polynomial expressions, and beyond, ensuring a comprehensive grasp of Algebra 2 principles. The course not only emphasizes the mastery of skills but also the application of these skills in solving real-world problems. From crafting and solving equations in various forms to interpreting complex number operations, the course provides a robust foundation in high-level algebra.	S1 | S2 | YEAR
9, 10, 11, 12	Arts	**Art History** This Art History course will introduce high school students to the fascinating world of art, spanning various periods and cultures. Through the exploration of significant artworks and movements, students will develop an understanding of the evolution of art and its influence on societies throughout history. The course will include interactive discussions, visual analysis, and hands-on activities to engage students in critical thinking and creative expression.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Biology** The high school Biology course offers an exploration of life sciences, beginning with an introduction to biology and scientific methodologies, followed by in-depth studies of cell biology, genetics, and heredity. Students will learn about evolutionary biology and natural selection, gaining an understanding of the mechanisms that drive life's diversity and complexity. The course also covers ecology, where students learn about ecosystems, biodiversity, and human impacts on the environment. Human biology and physiology are explored, providing insights into body systems and their functions. The course includes studies of biochemistry, plant biology, microbiology, and the interconnectedness of Earth's systems with biology.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	**Career Preparation** This high school career preparation course is designed as a comprehensive journey, guiding students through the intricacies of self-discovery, career exploration, and the development of essential skills for the workplace and beyond. As the educator leading this voyage, you'll be equipped with a curriculum that not only addresses the practicalities of job searching and workplace dynamics but also delves deeply into the personal growth and self-awareness necessary for students to forge their own paths in the world.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Chemistry** Chemistry gives students a deeper understanding of the world around them as they investigate how chemistry is involved in everyday life. Students explore fundamental chemistry content and concepts, including the metric system, the periodic table, atomic structures, bonding, chemical reactions, and nuclear reactions. They apply their knowledge and science process skills through labs that use common, household objects in order to explore the practicality of chemistry. As a prerequisite to Chemistry, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Earth and Space Science** Welcome to High School Earth and Space Science! This course is designed to provide students with a comprehensive understanding of Earth and space systems, exploring topics ranging from geological processes to celestial mechanics. Utilizing the Next Generation Science Standards (NGSS), students will engage in hands-on activities, scientific inquiry, and critical thinking to deepen their understanding of the natural world and humanity's place within it.	S1 | S2 | YEAR

S-Accommodated

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	**Economics** The High School Economics course, designed for a semester, encompasses five units, blending foundational concepts. Unit 1 introduces economics, focusing on supply and demand principles. Microeconomics is the focus of Unit 2, discussing market types, business organizations, production costs, profit maximization, labor markets, income distribution, government regulation, market failures, and public and common goods. Unit 3 shifts to macroeconomics, exploring GDP, business cycles, unemployment, inflation, fiscal and monetary policies, the Federal Reserve, international trade, and exchange rates. Personal Finance Economics in Unit 4 teaches budgeting, saving, investing, credit, loans, taxes, insurance, retirement planning, risk management, financial markets, and economic indicators. Finally, Unit 5 delves into special topics like behavioral economics, environmental economics, and the economics of education.	S1 | S2
9, 10, 11, 12	English Language Arts	**English 10th Grade** English 10th Grade covers a wide range of language arts skills, including reading, writing, literature, drama, poetry, argumentation, and media literacy. The course is structured into ten units, each focusing on different aspects such as storytelling elements, literature analysis, nonfiction texts, research methodologies, and drama and poetry analysis. Students will develop an understanding of narrative and argumentative writing, enhance their skills in informational text analysis, and learn effective research and presentation techniques.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 11th Grade** English 11th Grade is an advanced English Language Arts course focusing on American literature from its early beginnings to contemporary works. The course is structured into ten units, including Romanticism, Transcendentalism, Realism, Naturalism, Modernism, the Harlem Renaissance, Post-War and Contemporary Literature, as well as Poetry, Song, and Dystopian Literature. Students engage in critical reading, writing, and rhetorical analysis. The course emphasizes language mechanics, the power of rhetoric, character and narrative analysis, and the exploration of various thematic and cultural contexts.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 12th Grade** English 12th Grade is a comprehensive high school course focusing on British Literature. Throughout ten units, students explore key periods in British literature, from the Medieval era to Modernism, understanding the historical and cultural contexts that shaped these literary works. The course emphasizes skill development in textual analysis, argumentative writing, critical thinking, and research, with exposure to a diverse range of classic and modern texts. Students will enhance their vocabulary and language skills through literary analysis and explore themes such as religion, identity, social change, and globalization.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 9th Grade** English 9th Grade is an in-depth exploration of English language and literature, designed to build a strong foundation in grammar, language mechanics, and literary analysis. Starting with a focus on grammar and language mechanics, students learn about parts of speech, sentence structures, and effective use of punctuation, ensuring a strong grasp of written English. The course then covers literary elements through the study of various genres, including short stories, poetry, drama, and global literature. Students also engage with informational texts and argumentation, developing skills in critical analysis, persuasive writing, and media literacy.	S1 | S2 | YEAR

S-Accommodated

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	**Environmental Science** The Environmental Science course offers a comprehensive look at the planet's ecosystems, biodiversity, and the human impact on the environment. Students will cover the fundamentals of ecology, the importance of biodiversity, and the challenges facing natural resources, including water, soil, and mineral conservation. The course covers atmospheric science, emphasizing climate change, greenhouse effects, and strategies for mitigation and adaptation. Additional units focus on the hydrosphere and geosphere, exploring water and land pollution, waste management, and the importance of recycling.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Financial Literacy** This one-semester Financial Literacy course for high school students is designed to provide students with essential skills and knowledge for making sound financial decisions. Beginning with an introduction to personal finance, students learn about income types, taxes, job benefits, and financial planning. The course progresses to cover consumer behavior, budgeting, and smart purchasing, including understanding loans, credit scores, and effective debt management. A significant focus is placed on saving and investing, where students explore savings accounts, compound interest, and investment vehicles like stocks and bonds.	S1 | S2
9, 10, 11, 12	Mathematics	**Geometry** Embark on a geometric journey that unveils the beauty and precision of spatial reasoning with our comprehensive Geometry course. From the foundational principles of Euclidean geometry to the intricacies of trigonometric relationships and solid figures, this course equips students with the tools and techniques necessary to explore and analyze the world of shapes and spatial structures.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Health** This year-long comprehensive health education course provides students with the knowledge, skills, and understanding needed to maintain and improve their physical, mental, and social well-being. Through ten integrated units, students explore crucial aspects of personal and community health while developing practical skills for healthy decision-making and lifestyle choices. This course takes a holistic approach to health education, emphasizing the interconnection between physical, mental, and social health. Students will engage with evidence-based content while developing critical thinking skills, practicing effective communication, and learning to access and evaluate health information in the digital age.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Integrated Math 1** Integrated Math 1 provides a comprehensive foundation in algebra, geometry, and trigonometry, emphasizing connections between mathematical concepts and real-world applications. Through a series of structured units, students will develop essential problem-solving skills, mathematical reasoning, and critical thinking abilities. The course progresses from fundamental algebraic concepts to more advanced topics like functions, geometry, and quadratic equations.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Integrated Math 2** Integrated Math II is designed to build upon the mathematical concepts introduced in Integrated Math I, focusing on exponential and logarithmic equations and functions, polynomials, radicals and complex numbers, matrices, angles, congruence and similarity, sequences and series, probability, statistics, and triangles. Students will develop critical thinking and problem-solving skills as they explore these topics and their applications in real-world scenarios. The course emphasizes the development of mathematical fluency, reasoning, and communication skills necessary for success in higher-level mathematics courses and everyday life.	S1 | S2 | YEAR

S-Accommodated

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Integrated Math 3** Welcome to Advanced Integrated Mathematics III! This course is designed to provide students with a comprehensive understanding of advanced mathematical concepts and their real-world applications. Throughout this course, students will explore topics ranging from geometric relationships and measurements to advanced algebraic concepts, including functions, trigonometry, vectors, complex numbers, and conic sections.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Nutrition and Wellness** To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight to how you age to how well you think. You'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Physical Education** Each unit integrates engaging core concepts and exciting real world scenarios with practical skills and applies an exercise model to design effective fitness programs for students. This includes interactive fitness activities, a dive into nutrition and how it correlates with exercise, as well as innovative approaches to seeing fitness as a positive lifelong journey. This glimpse into lifelong fitness includes an opportunity for students to calculate and monitor heart rate, understand the cardiovascular system and the importance of stretching and mobility, as well as highlights the constructive role of sport participation and how it is related to fostering personal development and community involvement. By incorporating these concepts in a cohesive manner, the course ensures holistic development, wellness enhancement, and an opportunity to look at fitness as a crucial long-term health benefit.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Physical Science** Physical Science are introduced to the principles of chemistry and physics so that they may develop a better understanding of atoms, chemical reactions, and nuclear interactions. Students explore the properties and states of matter and investigate chemical bonds and reactions. Students will investigate the development of the periodic table, an outline of modern atomic theory, and organic and nuclear chemistry. Additionally, students study Newton's laws of motion while considering the interactions between motion, forces, energy, and thermodynamics. As a prerequisite to Physical Science, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Physics** Students enrolled in Physics advance their knowledge and understanding of concepts in previous general science courses. In this course, students examine classical mechanics while learning to calculate concepts in one-dimensional, two-dimensional, and circular motion. Students explore work and energy in addition to the concepts of waves, sound, light, optics, and electromagnetism. The course concludes with an analysis of nuclear physics and a debate on quantum physics. This course requires students to use fundamental algebra and analytical skills to solve problems and analyze situations. As a prerequisite to Physics, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge. While the completion of Trigonometry is not required, a pre-or co-requisite of Trigonometry will allow students to be better prepared for calculations involving dynamics, vectors, and kinematics.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Precalculus** Precalculus bridges algebra, geometry, and trigonometry into a unified study of functions and their behavior. Students graph and transform function families, solve trigonometric and logarithmic equations, examine limits informally, and use matrices, vectors, and parametric equations to describe motion and change. The course closes with an introduction to the ideas of rate of change and accumulation that open calculus.	S1 | S2 | YEAR

S-Accommodated

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	Psychology This year-long Psychology elective provides students with an understanding of human behavior and mental processes. The course begins with an introduction to psychology, exploring its history, methodologies, and various schools of thought. Students will cover topics like neuroscience and behavior, learning about the brain's structure and its influence on cognition and behavior. The course covers developmental psychology, examining human growth and psychological changes from infancy through adulthood. Through case studies, students gain a real-world understanding of psychological concepts and their applications in everyday life.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Real-World Math Welcome to our journey through the fascinating world of mathematics. This high school mathematics course is designed to weave together the elegance of mathematics with the tangible experiences of the world around us. Through a series of ten carefully curated and CCSS (2024) aligned units, students will embark on a journey from the foundational elements of basic mathematical concepts to the sophisticated realms of statistical analysis, probability, personal finance, and the fascinating interplay between mathematics, art, and music. This course is not just about numbers; it's a narrative revealing the mathematical beauty, order, and complexity of our natural world.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	Spanish 1 Spanish I provides students with a strong foundation of the Spanish language and its cultural influences. From pronunciation to basic grammar and practical vocabulary, students gain a fundamental understanding of written and conversational Spanish. Students practice pronunciation sounds, greetings and introductions, questions, and present-tense verb conjugation. Students learn how to describe people, school, and pastime activities in addition to likes and dislikes.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	Spanish 2 Spanish II is the next course in the Spanish sequence, and this course introduces complex grammatical components, such as reflexive verbs and the present progressive, preterite, and imperfect tenses, along with idiomatic expressions unique to the Spanish language. Building on an ever-growing lexicon, students incorporate concepts to form questions, express preferences and possession, discuss the past, and describe and compare people, places, and locations.	S1 | S2 | YEAR

S-Accommodated

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	U.S. Government U.S. Government examines how American government is structured and how citizens shape it. Students study the constitutional foundations of the republic, the powers of the legislative, executive, and judicial branches, federalism and state government, civil rights and civil liberties, elections and political parties, and the role of media and interest groups in public policy.	S1 | S2
9, 10, 11, 12	Social Studies	U.S. History U.S. History traces the nation's story from westward expansion and industrialization through the World Wars, the Great Depression, the civil rights movement, the Cold War, and into contemporary America. Students analyze primary sources, evaluate competing interpretations, and connect historical developments to the issues of today.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	World Geography This comprehensive course on World Geography is designed to cover significant geographic concepts, physical and human geography, and the pressing global issues of environmental sustainability. Through a series of 10 units, students will explore the diverse landscapes of the Earth, the intricate interplay between human activities and the environment, and the innovative solutions aimed at creating a sustainable future. Each unit incorporates inquiry-based questions to foster critical thinking, aligning with the Next Generation Science Standards (NGSS) on Human Impacts on Earth Systems and Global Climate Change, among others.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	World History This comprehensive World History course spans from early civilizations to the modern world, offering a deep dive into global history. Students begin with the ancient civilizations of Mesopotamia, Egypt, India, and China, understanding their contributions to human development. The journey continues through the classical period, medieval times, the Renaissance, and the age of exploration, highlighting significant cultural, political, and technological advancements. The course covers the World Wars, the Cold War, decolonization, and the rise of globalization, emphasizing their impact on contemporary society.	S1 | S2 | YEAR



S-Credit Recovery
AUTO GRADED
Catalog

Personalized Credit Recovery with Fully Automated Assessments

SchoolsPLP Auto Graded Credit Recovery courses provide an on-level credit recovery solution for students in grades 9–12. Courses are designed for students who have previously received instruction but need another opportunity to demonstrate mastery and earn credit.

Each unit begins with a pretest that identifies content the student has already mastered. When mastery is demonstrated, corresponding lessons and quizzes may be automatically excused, creating a personalized learning path focused on the student's remaining learning needs. Pretests are weighted at 0% and do not affect the final grade.

All graded coursework is computer-scored, with no assignments or summary/reflection activities required. This configuration reduces teacher grading demands while maintaining instruction, quizzes, unit tests, and a final exam to verify student understanding.

Hidden Items (if applicable)
Assignments and summary/reflection activities are hidden to maintain a fully auto-graded credit recovery experience. Pretests remain enabled at the beginning of each unit so students can demonstrate mastery and be excused from previously mastered content.

Default Weights

Weights can be adjusted to teacher's preference.

GRADES 9-12

Pretest	**0%**	**Unit Tests**	**40%**
Lessons	**15%**	**Final Exam**	**20%**
Quizzes	**25%**		

Unit pretests are enabled and weighted at 0%. Demonstrated mastery automatically excuses applicable lessons and quizzes, allowing students to focus on content they have not yet mastered.

S-Credit Recovery AUTO GRADED

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Algebra 1** Algebra 1 is a comprehensive, yearlong course that lays the foundational concepts for all future mathematics courses. It covers ten units including the foundations of algebra, linear equations, functions, polynomials, and more complex topics like exponential functions, as well as sequences and series. Students will learn to apply algebra to real-world situations, translating them into algebraic expressions and solving various equations and inequalities. The course emphasizes practical applications and in-depth understanding of algebraic principles, such as graphing linear and quadratic equations, working with functions, and exploring the properties of polynomials and rational expressions.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Algebra 2** Algebra 2 is designed to deepen understanding and proficiency in a range of algebraic concepts, meeting the rigorous requirements of the Common Core State Standards (CCSS). As students embark on this mathematical journey, they will explore complex numbers, quadratic functions, polynomial expressions, and beyond, ensuring a comprehensive grasp of Algebra 2 principles. The course not only emphasizes the mastery of skills but also the application of these skills in solving real-world problems. From crafting and solving equations in various forms to interpreting complex number operations, the course provides a robust foundation in high-level algebra.	S1 | S2 | YEAR
9, 10, 11, 12	Arts	**Art History** This Art History course will introduce high school students to the fascinating world of art, spanning various periods and cultures. Through the exploration of significant artworks and movements, students will develop an understanding of the evolution of art and its influence on societies throughout history. The course will include interactive discussions, visual analysis, and hands-on activities to engage students in critical thinking and creative expression.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Biology** The high school Biology course offers an exploration of life sciences, beginning with an introduction to biology and scientific methodologies, followed by in-depth studies of cell biology, genetics, and heredity. Students will learn about evolutionary biology and natural selection, gaining an understanding of the mechanisms that drive life's diversity and complexity. The course also covers ecology, where students learn about ecosystems, biodiversity, and human impacts on the environment. Human biology and physiology are explored, providing insights into body systems and their functions. The course includes studies of biochemistry, plant biology, microbiology, and the interconnectedness of Earth's systems with biology.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	**Career Preparation** This high school career preparation course is designed as a comprehensive journey, guiding students through the intricacies of self-discovery, career exploration, and the development of essential skills for the workplace and beyond. As the educator leading this voyage, you'll be equipped with a curriculum that not only addresses the practicalities of job searching and workplace dynamics but also delves deeply into the personal growth and self-awareness necessary for students to forge their own paths in the world.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Chemistry** Chemistry gives students a deeper understanding of the world around them as they investigate how chemistry is involved in everyday life. Students explore fundamental chemistry content and concepts, including the metric system, the periodic table, atomic structures, bonding, chemical reactions, and nuclear reactions. They apply their knowledge and science process skills through labs that use common, household objects in order to explore the practicality of chemistry. As a prerequisite to Chemistry, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR

S-Credit Recovery AUTO GRADED

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	**Earth and Space Science** Welcome to High School Earth and Space Science! This course is designed to provide students with a comprehensive understanding of Earth and space systems, exploring topics ranging from geological processes to celestial mechanics. Utilizing the Next Generation Science Standards (NGSS), students will engage in hands-on activities, scientific inquiry, and critical thinking to deepen their understanding of the natural world and humanity's place within it.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	**Economics** The High School Economics course, designed for a semester, encompasses five units, blending foundational concepts. Unit 1 introduces economics, focusing on supply and demand principles. Microeconomics is the focus of Unit 2, discussing market types, business organizations, production costs, profit maximization, labor markets, income distribution, government regulation, market failures, and public and common goods. Unit 3 shifts to macroeconomics, exploring GDP, business cycles, unemployment, inflation, fiscal and monetary policies, the Federal Reserve, international trade, and exchange rates. Personal Finance Economics in Unit 4 teaches budgeting, saving, investing, credit, loans, taxes, insurance, retirement planning, risk management, financial markets, and economic indicators. Finally, Unit 5 delves into special topics like behavioral economics, environmental economics, and the economics of education.	S1 | S2
9, 10, 11, 12	English Language Arts	**English 10th Grade** English 10th Grade covers a wide range of language arts skills, including reading, writing, literature, drama, poetry, argumentation, and media literacy. The course is structured into ten units, each focusing on different aspects such as storytelling elements, literature analysis, nonfiction texts, research methodologies, and drama and poetry analysis. Students will develop an understanding of narrative and argumentative writing, enhance their skills in informational text analysis, and learn effective research and presentation techniques.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 11th Grade** English 11th Grade is an advanced English Language Arts course focusing on American literature from its early beginnings to contemporary works. The course is structured into ten units, including Romanticism, Transcendentalism, Realism, Naturalism, Modernism, the Harlem Renaissance, Post-War and Contemporary Literature, as well as Poetry, Song, and Dystopian Literature. Students engage in critical reading, writing, and rhetorical analysis. The course emphasizes language mechanics, the power of rhetoric, character and narrative analysis, and the exploration of various thematic and cultural contexts.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 12th Grade** English 12th Grade is a comprehensive high school course focusing on British Literature. Throughout ten units, students explore key periods in British literature, from the Medieval era to Modernism, understanding the historical and cultural contexts that shaped these literary works. The course emphasizes skill development in textual analysis, argumentative writing, critical thinking, and research, with exposure to a diverse range of classic and modern texts. Students will enhance their vocabulary and language skills through literary analysis and explore themes such as religion, identity, social change, and globalization.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 9th Grade** English 9th Grade is an in-depth exploration of English language and literature, designed to build a strong foundation in grammar, language mechanics, and literary analysis. Starting with a focus on grammar and language mechanics, students learn about parts of speech, sentence structures, and effective use of punctuation, ensuring a strong grasp of written English. The course then covers literary elements through the study of various genres, including short stories, poetry, drama, and global literature. Students also engage with informational texts and argumentation, developing skills in critical analysis, persuasive writing, and media literacy.	S1 | S2 | YEAR

S-Credit Recovery AUTO GRADED

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	**Environmental Science** The Environmental Science course offers a comprehensive look at the planet's ecosystems, biodiversity, and the human impact on the environment. Students will cover the fundamentals of ecology, the importance of biodiversity, and the challenges facing natural resources, including water, soil, and mineral conservation. The course covers atmospheric science, emphasizing climate change, greenhouse effects, and strategies for mitigation and adaptation. Additional units focus on the hydrosphere and geosphere, exploring water and land pollution, waste management, and the importance of recycling.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Financial Literacy** This one-semester Financial Literacy course for high school students is designed to provide students with essential skills and knowledge for making sound financial decisions. Beginning with an introduction to personal finance, students learn about income types, taxes, job benefits, and financial planning. The course progresses to cover consumer behavior, budgeting, and smart purchasing, including understanding loans, credit scores, and effective debt management. A significant focus is placed on saving and investing, where students explore savings accounts, compound interest, and investment vehicles like stocks and bonds.	S1 | S2
9, 10, 11, 12	Mathematics	**Geometry** Embark on a geometric journey that unveils the beauty and precision of spatial reasoning with our comprehensive Geometry course. From the foundational principles of Euclidean geometry to the intricacies of trigonometric relationships and solid figures, this course equips students with the tools and techniques necessary to explore and analyze the world of shapes and spatial structures.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Health** This year-long comprehensive health education course provides students with the knowledge, skills, and understanding needed to maintain and improve their physical, mental, and social well-being. Through ten integrated units, students explore crucial aspects of personal and community health while developing practical skills for healthy decision-making and lifestyle choices. This course takes a holistic approach to health education, emphasizing the interconnection between physical, mental, and social health. Students will engage with evidence-based content while developing critical thinking skills, practicing effective communication, and learning to access and evaluate health information in the digital age.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Integrated Math 1** Integrated Math 1 provides a comprehensive foundation in algebra, geometry, and trigonometry, emphasizing connections between mathematical concepts and real-world applications. Through a series of structured units, students will develop essential problem-solving skills, mathematical reasoning, and critical thinking abilities. The course progresses from fundamental algebraic concepts to more advanced topics like functions, geometry, and quadratic equations.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Integrated Math 2** Integrated Math II is designed to build upon the mathematical concepts introduced in Integrated Math I, focusing on exponential and logarithmic equations and functions, polynomials, radicals and complex numbers, matrices, angles, congruence and similarity, sequences and series, probability, statistics, and triangles. Students will develop critical thinking and problem-solving skills as they explore these topics and their applications in real-world scenarios. The course emphasizes the development of mathematical fluency, reasoning, and communication skills necessary for success in higher-level mathematics courses and everyday life.	S1 | S2 | YEAR

S-Credit Recovery AUTO GRADED

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Integrated Math 3** Welcome to Advanced Integrated Mathematics III! This course is designed to provide students with a comprehensive understanding of advanced mathematical concepts and their real-world applications. Throughout this course, students will explore topics ranging from geometric relationships and measurements to advanced algebraic concepts, including functions, trigonometry, vectors, complex numbers, and conic sections.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Nutrition and Wellness** To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight to how you age to how well you think. You'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Physical Education** Each unit integrates engaging core concepts and exciting real world scenarios with practical skills and applies an exercise model to design effective fitness programs for students. This includes interactive fitness activities, a dive into nutrition and how it correlates with exercise, as well as innovative approaches to seeing fitness as a positive lifelong journey. This glimpse into lifelong fitness includes an opportunity for students to calculate and monitor heart rate, understand the cardiovascular system and the importance of stretching and mobility, as well as highlights the constructive role of sport participation and how it is related to fostering personal development and community involvement. By incorporating these concepts in a cohesive manner, the course ensures holistic development, wellness enhancement, and an opportunity to look at fitness as a crucial long-term health benefit.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Physical Science** Physical Science are introduced to the principles of chemistry and physics so that they may develop a better understanding of atoms, chemical reactions, and nuclear interactions. Students explore the properties and states of matter and investigate chemical bonds and reactions. Students will investigate the development of the periodic table, an outline of modern atomic theory, and organic and nuclear chemistry. Additionally, students study Newton's laws of motion while considering the interactions between motion, forces, energy, and thermodynamics. As a prerequisite to Physical Science, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Physics** Students enrolled in Physics advance their knowledge and understanding of concepts in previous general science courses. In this course, students examine classical mechanics while learning to calculate concepts in one-dimensional, two-dimensional, and circular motion. Students explore work and energy in addition to the concepts of waves, sound, light, optics, and electromagnetism. The course concludes with an analysis of nuclear physics and a debate on quantum physics. This course requires students to use fundamental algebra and analytical skills to solve problems and analyze situations. As a prerequisite to Physics, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge. While the completion of Trigonometry is not required, a pre-or co-requisite of Trigonometry will allow students to be better prepared for calculations involving dynamics, vectors, and kinematics.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Precalculus** Precalculus bridges algebra, geometry, and trigonometry into a unified study of functions and their behavior. Students graph and transform function families, solve trigonometric and logarithmic equations, examine limits informally, and use matrices, vectors, and parametric equations to describe motion and change. The course closes with an introduction to the ideas of rate of change and accumulation that open calculus.	S1 | S2 | YEAR

S-Credit Recovery AUTO GRADED

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	**Psychology** This year-long Psychology elective provides students with an understanding of human behavior and mental processes. The course begins with an introduction to psychology, exploring its history, methodologies, and various schools of thought. Students will cover topics like neuroscience and behavior, learning about the brain's structure and its influence on cognition and behavior. The course covers developmental psychology, examining human growth and psychological changes from infancy through adulthood. Through case studies, students gain a real-world understanding of psychological concepts and their applications in everyday life.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Real-World Math** Welcome to our journey through the fascinating world of mathematics. This high school mathematics course is designed to weave together the elegance of mathematics with the tangible experiences of the world around us. Through a series of ten carefully curated and CCSS (2024) aligned units, students will embark on a journey from the foundational elements of basic mathematical concepts to the sophisticated realms of statistical analysis, probability, personal finance, and the fascinating interplay between mathematics, art, and music. This course is not just about numbers; it's a narrative revealing the mathematical beauty, order, and complexity of our natural world.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	**U.S. Government** U.S. Government examines how American government is structured and how citizens shape it. Students study the constitutional foundations of the republic, the powers of the legislative, executive, and judicial branches, federalism and state government, civil rights and civil liberties, elections and political parties, and the role of media and interest groups in public policy.	S1 | S2
9, 10, 11, 12	Social Studies	**U.S. History** U.S. History traces the nation's story from westward expansion and industrialization through the World Wars, the Great Depression, the civil rights movement, the Cold War, and into contemporary America. Students analyze primary sources, evaluate competing interpretations, and connect historical developments to the issues of today.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	**World Geography** This comprehensive course on World Geography is designed to cover significant geographic concepts, physical and human geography, and the pressing global issues of environmental sustainability. Through a series of 10 units, students will explore the diverse landscapes of the Earth, the intricate interplay between human activities and the environment, and the innovative solutions aimed at creating a sustainable future. Each unit incorporates inquiry-based questions to foster critical thinking, aligning with the Next Generation Science Standards (NGSS) on Human Impacts on Earth Systems and Global Climate Change, among others.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	**World History** This comprehensive World History course spans from early civilizations to the modern world, offering a deep dive into global history. Students begin with the ancient civilizations of Mesopotamia, Egypt, India, and China, understanding their contributions to human development. The journey continues through the classical period, medieval times, the Renaissance, and the age of exploration, highlighting significant cultural, political, and technological advancements. The course covers the World Wars, the Cold War, decolonization, and the rise of globalization, emphasizing their impact on contemporary society.	S1 | S2 | YEAR



S-Mastery Based AUTO GRADED Catalog

Mastery-Based Learning That Accelerates Progress

SchoolsPLP Mastery Based Auto Graded courses provide an on-level learning solution for students in grades 6–8. Courses are designed for grade-level learners who may benefit from a personalized path that allows them to move efficiently through content they have already mastered.

Each unit begins with a visible pretest that identifies existing knowledge. When students demonstrate mastery, corresponding lessons and quizzes may be automatically excused, allowing them to focus on remaining learning needs. This structure can support skill recovery, differentiated pacing, or acceleration for students ready to progress more quickly. All graded coursework is computer-scored, with no assignments or summary/reflection activities required. Students complete lessons, quizzes, unit tests, and a final exam, while teachers monitor progress and may adjust pacing or course settings as needed.

Hidden Items (if applicable)
Assignments and summary/reflection activities are hidden to maintain a fully auto-graded experience. Unit pretests remain visible and are weighted at 0% so students can demonstrate mastery before beginning each unit.

Default Weights

Weights may be adjusted to meet district, school, or teacher requirements.

GRADES 6-8

Pretest	0%	Unit Tests	40%
Lessons	15%	Final Exam	20%
Quizzes	25%		

Unit pretests are visible and weighted at 0%. Demonstrated mastery may automatically excuse applicable lessons and quizzes, making the catalog suitable for personalized pacing and acceleration.

Middle School

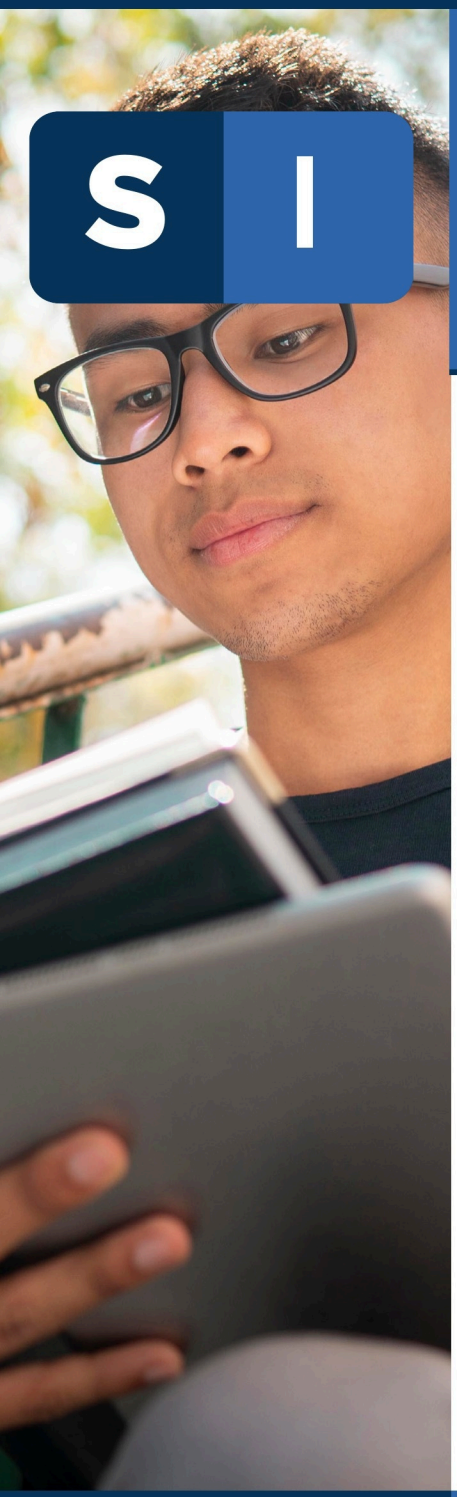
Grade	Subject Area	Course Name	Course Length
6, 7, 8	English Language Arts	English 6th Grade This Grade 6 English Language Arts course is structured into ten units, each focusing on vital areas of ELA to ensure a holistic development of students' language skills while meeting Common Core Standards.	S1 | S2 | YEAR
6, 7, 8	English Language Arts	English 7th Grade This Grade 7 English Language Arts course covers a wide range of literacy skills and content areas over ten comprehensive units. Each unit is structured to develop students' reading, writing, speaking, and listening abilities, aligning with Common Core State Standards. The course aims to foster a deep appreciation for literature, enhance critical thinking skills, and encourage creative expression.	S1 | S2 | YEAR
6, 7, 8	English Language Arts	English 8th Grade This comprehensive Grade 8 English Language Arts course is designed to engage students in a wide range of literary genres and communication skills, preparing them for high school and beyond. Throughout the course, students will explore classic and contemporary texts, develop critical thinking and analytical skills, and enhance their ability to communicate effectively in various formats.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 6th Grade Embarking on Math 6 marks a crucial transition from elementary concepts to the complexities of secondary mathematics. Our entirely online course, meticulously designed by experienced Math 6 educators, bridges this gap with a comprehensive curriculum delivered through engaging scripted video lessons. These lessons, integrated with interactive assessment questions, ensure that learning transcends traditional memorization, fostering a deep understanding of mathematical principles. Our approach leverages the flexibility and accessibility of digital learning, enabling students to explore essential topics such as Ratios, The Number System, and Geometry at their own pace, while also emphasizing real-world applications to make math both relevant and exciting.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 7th Grade Welcome to 7th Grade Mathematics! This course is designed to provide students with a comprehensive understanding of key mathematical concepts and skills aligned with the Common Core State Standards (CCSS) for 7th grade. Throughout the course, students will explore a wide range of topics, including ratios, proportional relationships, expressions, equations, inequalities, geometry, data analysis, probability, and foundational concepts for transitioning to 8th-grade mathematics.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 8th Grade Embarking on 8th-grade mathematics marks a significant milestone in your academic journey, where you transition from elementary concepts to more complex mathematical principles. Our comprehensive online course, meticulously crafted by seasoned educators, aims to guide you through this transition seamlessly while setting a solid foundation for your future high school mathematics endeavors. Through a series of engaging video lessons, interactive assessments, and real-world problem-solving scenarios, we strive to cultivate a deep understanding of mathematical principles while making learning enjoyable and accessible.	S1 | S2 | YEAR
6, 7, 8	Social Studies	Middle School Civics This comprehensive Civics course for middle school students is designed to introduce and deepen understanding of the principles, structures, and functions of government in the United States, as well as the rights and responsibilities of citizens. Spanning a full academic year, the course is divided into 10 thematic units, each consisting of 9 modules that explore different facets of Civics and government. Through engaging, interactive lessons, students will explore the foundations of government, the Constitution, the three branches of government, civil rights, state and local government, public policy, the economy, media influence, and the importance of civic engagement.	S1 | S2 | YEAR

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Science	**Middle School Earth and Space Science** Embark on an exhilarating journey through the realms of Earth and Space Science, a course meticulously crafted for the curious minds of middle school students. This adventure begins with the essentials of scientific inquiry and methods, laying the foundation for a deeper understanding of both Earth and Space Sciences. Students will delve into the intricacies of our planet, exploring the geosphere, hydrosphere, and atmosphere, and uncovering the vast opportunities and careers these fields offer. The exploration extends beyond our terrestrial confines to the wonders of our solar system and the boundless expanse of the universe, sparking curiosity about the endless possibilities in space science.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School Geography** Students learn to study the Earth's landscape in Middle School Geography. In this course, students learn that geography extends beyond physical structures by exploring geographical facets such as regions, ethnicities, and trade routes, in addition to landforms. By studying the geography, history, culture, religion, and contemporary issues facing a certain group of people or a specific area of space, students discover a significant amount of information about people in the present and in the past.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 6** Middle School Integrated Science 6 blends physical, life, earth, and space science into one investigation-driven course. Students study matter and energy, cells and living systems, weather and climate patterns, and Earth's place in the solar system, using models, data, and simple experiments to explain how the natural world works.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 7** Middle School Integrated Science 7 continues the integrated sequence with a focus on chemical reactions, energy transfer, body systems and heredity, ecosystems, and Earth's changing surface. Students design investigations, analyze data, and build explanations supported by evidence.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 8** Middle School Integrated Science 8 prepares students for high school science through the study of forces and motion, waves and electromagnetic radiation, natural selection and evolution, human impact on Earth systems, and the structure of the universe. Engineering design challenges ask students to apply what they learn to real problems.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Life Science** Welcome to an engaging and exploratory journey through the fascinating world of Life Science! This course is designed to ignite curiosity, foster a deep understanding of life at various levels, and encourage a hands-on approach to learning about the living world around us. As we embark on this adventure, we'll dive into the foundational concepts of life science, exploring the intricacies of living organisms, their environments, and the complex interactions that sustain life on Earth.	S1 | S2 | YEAR

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Science	**Middle School Physical Science** Middle School Physical Science introduces students to the foundational concepts of both physics and chemistry. Students begin by studying topics related to the nature of science and engineering, where they gain the skills necessary to succeed in inquiry-based and engineering labs. They move on to learn the general principles of chemistry and physics, including matter and energy, chemical reactions, motion and forces, and interactions of waves. This course allows students to explore these major concepts through unique labs based on real-world phenomena.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School U.S. History** Middle School U.S. History explores the history of the United States from before the arrival of Europeans in North America to the events of the 2016 presidential election. Students begin the course by examining North America before the arrival of European explorers and the establishment of colonies. Students learn about life in the colonies, British rule, and the events that led to the Revolutionary War. After learning about the American Revolution, students explore early U.S. government, westward expansion, the influence of the Industrial Revolution, and the Civil War. Then, they study life after the Civil War, Progressivism, Imperialism, and the onset of World War I. Next, students analyze the Roaring Twenties, the Great Depression, and World War II. Finally, students examine the Civil Rights movement, the Cold War, life in the 1960s and 1970s, and modern-day policies and events.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School World Geography** Middle School World Geography introduces students to the physical and human geography of the world's major regions. Students study landforms, climate, natural resources, population patterns, culture, and economies, and they practice reading and creating maps, charts, and graphs to explain how people interact with the places they live.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School World History** Middle School World History surveys the development of civilizations from the ancient world to the present. Students examine the rise of early societies, classical empires, world religions, medieval kingdoms, exploration and revolution, industrialization, and the global conflicts and connections of the modern era.	S1 | S2 | YEAR



S-Intervention Catalog

Targeted Intervention Focused on Unfinished Learning

SchoolsPLP Intervention courses provide targeted, standards-based support for students in grades 3–12. Each unit begins with a visible pretest that identifies standards and lessons the student already mastered. When mastery is demonstrated, the corresponding lessons are automatically excused, allowing students to concentrate on the content they still need to address.

Courses place a heavier emphasis on lessons and instructional engagement, giving students more time to review concepts, practice skills, and strengthen areas of unfinished learning. Quizzes are not included, reducing repeated assessment and keeping the student's focus on targeted instruction, unit mastery, and overall course progress.

Teachers can monitor student performance, review excused content, adjust pacing, and redirect students to specific lessons when additional support is needed. This configuration is appropriate for intervention programs, supplemental instruction, and individualized learning support.

Hidden Items (if applicable)
Quizzes are not included in the course configuration. Teacher guides, lab or project answer keys, and other instructional resources are hidden from students.

Default Weights

Weights can be adjusted to teacher's preference.

GRADES 6-8	
Pretest	0%
Lessons	50%
Unit Tests	40%
Final Exam	10%

GRADES 9-12	
Pretest	0%
Lessons	50%
Unit Tests	40%
Final Exam	10%

Unit pretests are visible and weighted at 0%. Demonstrated mastery excuses applicable lessons so students can focus on standards that still need to be addressed. No quizzes are included, and greater weight is placed on lesson completion.

S-Intervention

Elementary

Grade	Subject Area	Course Name	Course Length
1	Science	1st Science COMING SOON Science 1 extends students' exploration of the natural world. Along the way, students practice making predictions and observations, experimenting, and using scientific tools and problem-solving skills. In this course, students investigate animals and plants, identify the basic needs of all living things, and compare and contrast plant and animal families. They examine how humans solve problems by mimicking plant and animal structures and functions. This course also introduces patterns of the sun, moon, stars, and Earth that can be predicted. Students observe and discover the properties of light and sound and learn ways to communicate with light and sound. Finally, students develop their ability to distinguish problem from solution and recognize the relationship between cause and effect. This course includes a printed Parent and Teacher Guide that supports student learning.	S1 | S2 | YEAR
1	Social Studies	1st Social Studies COMING SOON Social Studies 1 leads students beyond their local community to consider their place in their state, the nation, and the world. They explore the function and characteristics of government in the United States, including the role of rules and laws and the rights and responsibilities of citizens. Students also learn how to ask questions and gather information to understand history. The course focuses on developing students' knowledge of the interplay between the physical world and human societies, as they learn basic geography skills, such as map reading, and examine the impact of the environment on how and where people live and how regional variations drive trade in both goods and services. Finally, students build their understanding of good citizenship by identifying ways to contribute to the community and avoid conflict and by interacting respectfully with others. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
2	Science	2nd Science COMING SOON Students investigate life, earth, and physical science concepts through guided inquiry and observations.	S1 | S2 | YEAR
2	Social Studies	2nd Social Studies COMING SOON Social Studies 2 empowers students to become productive citizens by developing their knowledge and skills in civics, history, geography, and economics. They deepen their understanding of the U.S. government by explaining the role of the three branches of government and of the U.S. Constitution. Students extend their knowledge of U.S. history to recognize the impact of important figures and movements of the past, and they begin to think like historians by identifying reliable sources, crafting compelling questions, distinguishing fact and opinion, and using timelines to structure series of events. The course highlights the role of international relations, including both alliances and international trade, as well as the importance of geography and regional variations in resources and production. Finally, students learn core concepts of economics, including supply and demand, scarcity, and cost and benefits, as well as the functions of banks, and relate these concepts to individuals and communities. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
1	English Language Arts	English 1st Grade COMING SOON English 1st Grade focuses on developing reading, writing, spelling, speaking, and listening skills. In this course, students begin to understand that spoken and written language can be broken into phonemes. They use rhyming, blending, and segmenting to develop the foundation needed to become an emergent reader. Students read prose, poetry, and informational texts for comprehension. They learn to interpret the ways in which stories and poems appeal to the senses and to identify the main topic and key ideas within texts. Students increase their vocabulary by learning to use morphemic and contextual analysis to determine the meaning of unknown words. Students learn to spell new words using various spelling rules. Students hone their writing skills by practicing grammar rules for noun usage, personal possessive and indefinite pronouns, verb tenses, capitalization, commas, and end punctuation. In doing so, they learn to produce and expand sentences and to write opinion pieces, informational pieces, and narratives. This year, students begin learning how to research information and how to use their research to answer questions. They identify and use various parts of a book, such as headings and the table of contents. They also use digital tools to publish their writing. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

S-Intervention

Elementary

Grade	Subject Area	Course Name	Course Length
2	English Language Arts	English 2nd Grade COMING SOON English 2nd Grade central concepts are reading, writing, spelling, speaking, and listening. This year, students begin to transition from learning to read to reading to learn. Students continue to develop their phonemic awareness by learning to recognize word families, word origins, and irregularly spelled words. They also begin to use linking words to connect opinions and reasons and time-order words to signal the order of events. While reading, students work to distinguish fact from opinion, decipher an author's reason, and identify the main topic of a multi-paragraph text. Students sample multiple genres of literature, including fiction, nonfiction, poetry, folktales, and fables, while exploring story elements such as plot, setting, characterization, and the author's point of view. They also learn to distinguish between the main idea and the theme of a story. Students develop their writing skills by composing narrative, persuasive, and informative essays, as well as creative writing pieces. Additionally, they practice their research skills by finding facts in multiple sources and using them to produce a science report. Students use a dictionary to reinforce phonetic punctuation and spelling and to identify words with multiple meanings. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
3	English Language Arts	English 3rd Grade Third grade English Language Arts builds fluency in reading, writing, and language. Students read a range of literature and informational texts, analyze story elements and main ideas, expand vocabulary, and strengthen grammar, spelling, and handwriting. They compose narrative, opinion, and informative pieces and practice research and speaking skills.	S1 | S2 | YEAR
4	English Language Arts	English 4th Grade Fourth grade English Language Arts extends reading comprehension across genres, analytical writing, grammar, vocabulary, and research skills. Students read and interpret literature and informational texts, cite evidence, produce multi-paragraph writing, and refine conventions of standard English.	S1 | S2 | YEAR
5	English Language Arts	English 5th Grade Fifth grade English Language Arts develops reading comprehension, literary analysis, essay writing, grammar, vocabulary, and research skills.	S1 | S2 | YEAR
K	English Language Arts	English Kindergarten COMING SOON English Kindergarten encompasses reading, writing, speaking, spelling, and listening skills for students who are emerging learners. This course places a heavy emphasis on the alphabet, as students learn letter names and both uppercase and lowercase letters. Students also learn letter sounds and how to articulate and blend those sounds. It focuses on building reading skills through the use of high-frequency sight words, common prepositions, nouns, verbs, and adjectives. Through grade-level appropriate readings, students explore story elements and the ways in which pictures relate to text. They also learn to summarize a text and to compare and contrast characters, events, and ideas within texts. This course teaches foundational grammar and writing skills, including proper capitalization, spacing between words, and sentence punctuation. Students learn to print words and write complete sentences. Finally, interactive activities throughout the academic year help students develop their speaking and listening skills as well. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
K	Science	K Science COMING SOON Science K introduces emerging learners to the knowledge and skills that will help them discover and understand the natural world around them. In this course, students learn to formulate questions, to predict, and to investigate. They use basic scientific tools, such as a magnifying glass, a ruler, and a thermometer, to make observations and draw on those observations to communicate their findings. They learn to use their five senses as observational tools as well. They deploy their observational skills to describe animals and plants, their basic needs for survival, and their environments. Students discover the effect of sunlight on Earth's surfaces and the difference between sun and shade. Students explore weather types, weather patterns, and seasonal changes. They also examine the characteristics of force, including the difference between a push and a pull. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

S-Intervention

Elementary

Grade	Subject Area	Course Name	Course Length
K	Social Studies	K Social Studies COMING SOON Social Studies K introduces emerging learners to the knowledge and skills that will help them to become active and valued participants in their community. Students discover the importance of rules and regulations in guiding community behavior, and they explore good citizenship and values such as respect, democracy, cooperation, and equality. Social Studies K establishes students' understanding of the past by teaching them the importance of a sequence of events and developing their skill in distinguishing fact from opinion. Finally, students learn about the world around them, including how geography influences society, how maps represent places, and how communities rely on trade in goods and services. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
1	Mathematics	Math 1st Grade COMING SOON In Mathematics 1, students begin to learn mathematics in a more formal way. They focus on rote counting to 120 and practice reading and writing these numbers. In addition to strengthening their addition and subtraction skills, they compare two-digit numbers using place values and the comparison symbols for greater than, less than, and equal to. Students measure lengths and use measurements to compare the lengths of multiple objects using nonstandard measuring and units. They strengthen their geometry skills by drawing two-dimensional and three-dimensional shapes, and they explore fractions by dividing those shapes into halves and quarters. Students also organize, represent, and interpret data in pictures, tables, and charts. Additionally, they tell and write times in hours and half-hours. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
2	Mathematics	Math 2nd Grade COMING SOON Second grade Mathematics focuses on place value, multi-digit addition and subtraction, measurement, data analysis, and geometry concepts.	S1 | S2 | YEAR
3	Mathematics	Math 3rd Grade Third grade Mathematics introduces multiplication and division, fractions, area, perimeter, and data analysis.	S1 | S2 | YEAR
4	Mathematics	Math 4th Grade Fourth grade Mathematics covers multi-digit operations, fractions, decimals, geometry, measurement, and algebraic thinking.	S1 | S2 | YEAR
5	Mathematics	Math 5th Grade Fifth grade Mathematics covers operations with fractions and decimals, volume, coordinate planes, and algebraic expressions.	S1 | S2 | YEAR
K	Mathematics	Math Kindergarten COMING SOON In Mathematics K, students explore the world of mathematics all around them. They begin to develop foundational mathematics skills such as number identification, rote counting to 100 by memory, and place value. They learn the difference between more than and less than and explore the ways in which numbers can be decomposed. Students compare measurements, such as longer and shorter and heavier and lighter. They begin to develop problem-solving skills as they engage with simple addition and subtraction equations and word problems. Finally, students are introduced to basic geometry and learn the names and basic attributes of shapes. This course includes a Parent and Teacher Guide that supports student learning.	S1 | S2 | YEAR
K-5	Science	Science 3 Science 3 guides students on an exploration of the natural world, its animals, its plants, and its terrain. They learn how clouds form, what causes the cycles of seasons and of day and night on Earth, and that light and sound are actually energy. Students examine the Earth's eight major biomes and identify how adaptations help plants and animals to survive varying conditions. They become junior meteorologists, able to explain weather and climate and to use weather instruments and knowledge of patterns to observe and predict the weather.	S1 | S2 | YEAR

S-Intervention

Elementary

Grade	Subject Area	Course Name	Course Length
K-5	Science	Science 4 Science 4 lays a foundation for future excellence in the STEM fields by introducing technology and engineering concepts, such as simple and complex machines and the steps of the engineering design process. This course encourages students to become innovative problem-solvers equipped with the skills and knowledge necessary to address twenty-first-century issues. Students explore the technical and sometimes surprising facts behind the things they see and experience every day. They expand their knowledge and understanding of topics in the areas of physics, chemistry, Earth science, and life science.	S1 | S2 | YEAR
K-5	Science	Science 5 Science 5 puts the emphasis on doing science. Students build their knowledge by crafting models, conducting experiments, creating terrariums, and making electromagnets. They learn about plant and animal cells and their functions, photosynthesis, and the roles of producers, consumers, and decomposers in an ecosystem. Students explore the global water cycle, the negative impacts of weather, and the relationship between weather and climate. They deepen their understanding of their home planet by investigating landforms, volcanic activity, and the layers of Earth.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 3 Social Studies 3 focuses on the United States, including its government and its laws. Students are encouraged to think about what it means to be productive, responsible citizens of both the nation and their own local communities. To support their learning about U.S. history and differing cultures and perspectives, students develop and research compelling questions on historical topics, work with credible sources, and distinguish between fact and opinion.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 4 Social Studies 4 introduces students to critical analysis as they develop detailed knowledge of the United States, its regions, and the influence of individual perspectives on documents and events. Students assess and use a wide variety of primary and secondary sources to research compelling questions through supporting questions and present interpretations and arguments in both written and oral forms, supporting their positions with details drawn from reliable sources.	S1 | S2 | YEAR
K-5	Social Studies	Social Studies 5 Fifth grade Social Studies covers U.S. history from early civilizations through the founding of the nation.	S1 | S2 | YEAR

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	English Language Arts	English 6th Grade This Grade 6 English Language Arts course is structured into ten units, each focusing on vital areas of ELA to ensure a holistic development of students' language skills while meeting Common Core Standards.	S1 | S2 | YEAR

S-Intervention

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	English Language Arts	English 7th Grade This Grade 7 English Language Arts course covers a wide range of literacy skills and content areas over ten comprehensive units. Each unit is structured to develop students' reading, writing, speaking, and listening abilities, aligning with Common Core State Standards. The course aims to foster a deep appreciation for literature, enhance critical thinking skills, and encourage creative expression.	S1 | S2 | YEAR
6, 7, 8	English Language Arts	English 8th Grade This comprehensive Grade 8 English Language Arts course is designed to engage students in a wide range of literary genres and communication skills, preparing them for high school and beyond. Throughout the course, students will explore classic and contemporary texts, develop critical thinking and analytical skills, and enhance their ability to communicate effectively in various formats.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 6th Grade Embarking on Math 6 marks a crucial transition from elementary concepts to the complexities of secondary mathematics. Our entirely online course, meticulously designed by experienced Math 6 educators, bridges this gap with a comprehensive curriculum delivered through engaging scripted video lessons. These lessons, integrated with interactive assessment questions, ensure that learning transcends traditional memorization, fostering a deep understanding of mathematical principles. Our approach leverages the flexibility and accessibility of digital learning, enabling students to explore essential topics such as Ratios, The Number System, and Geometry at their own pace, while also emphasizing real-world applications to make math both relevant and exciting.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 7th Grade Welcome to 7th Grade Mathematics! This course is designed to provide students with a comprehensive understanding of key mathematical concepts and skills aligned with the Common Core State Standards (CCSS) for 7th grade. Throughout the course, students will explore a wide range of topics, including ratios, proportional relationships, expressions, equations, inequalities, geometry, data analysis, probability, and foundational concepts for transitioning to 8th-grade mathematics.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 8th Grade Embarking on 8th-grade mathematics marks a significant milestone in your academic journey, where you transition from elementary concepts to more complex mathematical principles. Our comprehensive online course, meticulously crafted by seasoned educators, aims to guide you through this transition seamlessly while setting a solid foundation for your future high school mathematics endeavors. Through a series of engaging video lessons, interactive assessments, and real-world problem-solving scenarios, we strive to cultivate a deep understanding of mathematical principles while making learning enjoyable and accessible.	S1 | S2 | YEAR
6, 7, 8	Social Studies	Middle School Civics This comprehensive Civics course for middle school students is designed to introduce and deepen understanding of the principles, structures, and functions of government in the United States, as well as the rights and responsibilities of citizens. Spanning a full academic year, the course is divided into 10 thematic units, each consisting of 9 modules that explore different facets of Civics and government. Through engaging, interactive lessons, students will explore the foundations of government, the Constitution, the three branches of government, civil rights, state and local government, public policy, the economy, media influence, and the importance of civic engagement.	S1 | S2 | YEAR

S-Intervention

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Science	**Middle School Earth and Space Science** Embark on an exhilarating journey through the realms of Earth and Space Science, a course meticulously crafted for the curious minds of middle school students. This adventure begins with the essentials of scientific inquiry and methods, laying the foundation for a deeper understanding of both Earth and Space Sciences. Students will delve into the intricacies of our planet, exploring the geosphere, hydrosphere, and atmosphere, and uncovering the vast opportunities and careers these fields offer. The exploration extends beyond our terrestrial confines to the wonders of our solar system and the boundless expanse of the universe, sparking curiosity about the endless possibilities in space science.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School Geography** Students learn to study the Earth's landscape in Middle School Geography. In this course, students learn that geography extends beyond physical structures by exploring geographical facets such as regions, ethnicities, and trade routes, in addition to landforms. By studying the geography, history, culture, religion, and contemporary issues facing a certain group of people or a specific area of space, students discover a significant amount of information about people in the present and in the past.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 6** Middle School Integrated Science 6 blends physical, life, earth, and space science into one investigation-driven course. Students study matter and energy, cells and living systems, weather and climate patterns, and Earth's place in the solar system, using models, data, and simple experiments to explain how the natural world works.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 7** Middle School Integrated Science 7 continues the integrated sequence with a focus on chemical reactions, energy transfer, body systems and heredity, ecosystems, and Earth's changing surface. Students design investigations, analyze data, and build explanations supported by evidence.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Integrated Science 8** Middle School Integrated Science 8 prepares students for high school science through the study of forces and motion, waves and electromagnetic radiation, natural selection and evolution, human impact on Earth systems, and the structure of the universe. Engineering design challenges ask students to apply what they learn to real problems.	S1 | S2 | YEAR
6, 7, 8	Science	**Middle School Life Science** Welcome to an engaging and exploratory journey through the fascinating world of Life Science! This course is designed to ignite curiosity, foster a deep understanding of life at various levels, and encourage a hands-on approach to learning about the living world around us. As we embark on this adventure, we'll dive into the foundational concepts of life science, exploring the intricacies of living organisms, their environments, and the complex interactions that sustain life on Earth.	S1 | S2 | YEAR

S-Intervention

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Science	**Middle School Physical Science** Middle School Physical Science introduces students to the foundational concepts of both physics and chemistry. Students begin by studying topics related to the nature of science and engineering, where they gain the skills necessary to succeed in inquiry-based and engineering labs. They move on to learn the general principles of chemistry and physics, including matter and energy, chemical reactions, motion and forces, and interactions of waves. This course allows students to explore these major concepts through unique labs based on real-world phenomena.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School U.S. History** Middle School U.S. History explores the history of the United States from before the arrival of Europeans in North America to the events of the 2016 presidential election. Students begin the course by examining North America before the arrival of European explorers and the establishment of colonies. Students learn about life in the colonies, British rule, and the events that led to the Revolutionary War. After learning about the American Revolution, students explore early U.S. government, westward expansion, the influence of the Industrial Revolution, and the Civil War. Then, they study life after the Civil War, Progressivism, Imperialism, and the onset of World War I. Next, students analyze the Roaring Twenties, the Great Depression, and World War II. Finally, students examine the Civil Rights movement, the Cold War, life in the 1960s and 1970s, and modern-day policies and events.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School World Geography** Middle School World Geography introduces students to the physical and human geography of the world's major regions. Students study landforms, climate, natural resources, population patterns, culture, and economies, and they practice reading and creating maps, charts, and graphs to explain how people interact with the places they live.	S1 | S2 | YEAR
6, 7, 8	Social Studies	**Middle School World History** Middle School World History surveys the development of civilizations from the ancient world to the present. Students examine the rise of early societies, classical empires, world religions, medieval kingdoms, exploration and revolution, industrialization, and the global conflicts and connections of the modern era.	S1 | S2 | YEAR

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Algebra 1** Algebra 1 is a comprehensive, yearlong course that lays the foundational concepts for all future mathematics courses. It covers ten units including the foundations of algebra, linear equations, functions, polynomials, and more complex topics like exponential functions, as well as sequences and series. Students will learn to apply algebra to real-world situations, translating them into algebraic expressions and solving various equations and inequalities. The course emphasizes practical applications and in-depth understanding of algebraic principles, such as graphing linear and quadratic equations, working with functions, and exploring the properties of polynomials and rational expressions.	S1 | S2 | YEAR

S-Intervention

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Algebra 2** Algebra 2 is designed to deepen understanding and proficiency in a range of algebraic concepts, meeting the rigorous requirements of the Common Core State Standards (CCSS). As students embark on this mathematical journey, they will explore complex numbers, quadratic functions, polynomial expressions, and beyond, ensuring a comprehensive grasp of Algebra 2 principles. The course not only emphasizes the mastery of skills but also the application of these skills in solving real-world problems. From crafting and solving equations in various forms to interpreting complex number operations, the course provides a robust foundation in high-level algebra.	S1 | S2 | YEAR
9, 10, 11, 12	Arts	**Art History** This Art History course will introduce high school students to the fascinating world of art, spanning various periods and cultures. Through the exploration of significant artworks and movements, students will develop an understanding of the evolution of art and its influence on societies throughout history. The course will include interactive discussions, visual analysis, and hands-on activities to engage students in critical thinking and creative expression.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Biology** The high school Biology course offers an exploration of life sciences, beginning with an introduction to biology and scientific methodologies, followed by in-depth studies of cell biology, genetics, and heredity. Students will learn about evolutionary biology and natural selection, gaining an understanding of the mechanisms that drive life's diversity and complexity. The course also covers ecology, where students learn about ecosystems, biodiversity, and human impacts on the environment. Human biology and physiology are explored, providing insights into body systems and their functions. The course includes studies of biochemistry, plant biology, microbiology, and the interconnectedness of Earth's systems with biology.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	**Career Preparation** This high school career preparation course is designed as a comprehensive journey, guiding students through the intricacies of self-discovery, career exploration, and the development of essential skills for the workplace and beyond. As the educator leading this voyage, you'll be equipped with a curriculum that not only addresses the practicalities of job searching and workplace dynamics but also delves deeply into the personal growth and self-awareness necessary for students to forge their own paths in the world.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Chemistry** Chemistry gives students a deeper understanding of the world around them as they investigate how chemistry is involved in everyday life. Students explore fundamental chemistry content and concepts, including the metric system, the periodic table, atomic structures, bonding, chemical reactions, and nuclear reactions. They apply their knowledge and science process skills through labs that use common, household objects in order to explore the practicality of chemistry. As a prerequisite to Chemistry, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Earth and Space Science** Welcome to High School Earth and Space Science! This course is designed to provide students with a comprehensive understanding of Earth and space systems, exploring topics ranging from geological processes to celestial mechanics. Utilizing the Next Generation Science Standards (NGSS), students will engage in hands-on activities, scientific inquiry, and critical thinking to deepen their understanding of the natural world and humanity's place within it.	S1 | S2 | YEAR

S-Intervention

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	**Economics** The High School Economics course, designed for a semester, encompasses five units, blending foundational concepts. Unit 1 introduces economics, focusing on supply and demand principles. Microeconomics is the focus of Unit 2, discussing market types, business organizations, production costs, profit maximization, labor markets, income distribution, government regulation, market failures, and public and common goods. Unit 3 shifts to macroeconomics, exploring GDP, business cycles, unemployment, inflation, fiscal and monetary policies, the Federal Reserve, international trade, and exchange rates. Personal Finance Economics in Unit 4 teaches budgeting, saving, investing, credit, loans, taxes, insurance, retirement planning, risk management, financial markets, and economic indicators. Finally, Unit 5 delves into special topics like behavioral economics, environmental economics, and the economics of education.	S1 | S2
9, 10, 11, 12	English Language Arts	**English 10th Grade** English 10th Grade covers a wide range of language arts skills, including reading, writing, literature, drama, poetry, argumentation, and media literacy. The course is structured into ten units, each focusing on different aspects such as storytelling elements, literature analysis, nonfiction texts, research methodologies, and drama and poetry analysis. Students will develop an understanding of narrative and argumentative writing, enhance their skills in informational text analysis, and learn effective research and presentation techniques.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 11th Grade** English 11th Grade is an advanced English Language Arts course focusing on American literature from its early beginnings to contemporary works. The course is structured into ten units, including Romanticism, Transcendentalism, Realism, Naturalism, Modernism, the Harlem Renaissance, Post-War and Contemporary Literature, as well as Poetry, Song, and Dystopian Literature. Students engage in critical reading, writing, and rhetorical analysis. The course emphasizes language mechanics, the power of rhetoric, character and narrative analysis, and the exploration of various thematic and cultural contexts.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 12th Grade** English 12th Grade is a comprehensive high school course focusing on British Literature. Throughout ten units, students explore key periods in British literature, from the Medieval era to Modernism, understanding the historical and cultural contexts that shaped these literary works. The course emphasizes skill development in textual analysis, argumentative writing, critical thinking, and research, with exposure to a diverse range of classic and modern texts. Students will enhance their vocabulary and language skills through literary analysis and explore themes such as religion, identity, social change, and globalization.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 9th Grade** English 9th Grade is an in-depth exploration of English language and literature, designed to build a strong foundation in grammar, language mechanics, and literary analysis. Starting with a focus on grammar and language mechanics, students learn about parts of speech, sentence structures, and effective use of punctuation, ensuring a strong grasp of written English. The course then covers literary elements through the study of various genres, including short stories, poetry, drama, and global literature. Students also engage with informational texts and argumentation, developing skills in critical analysis, persuasive writing, and media literacy.	S1 | S2 | YEAR

S-Intervention

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	**Environmental Science** The Environmental Science course offers a comprehensive look at the planet's ecosystems, biodiversity, and the human impact on the environment. Students will cover the fundamentals of ecology, the importance of biodiversity, and the challenges facing natural resources, including water, soil, and mineral conservation. The course covers atmospheric science, emphasizing climate change, greenhouse effects, and strategies for mitigation and adaptation. Additional units focus on the hydrosphere and geosphere, exploring water and land pollution, waste management, and the importance of recycling.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Financial Literacy** This one-semester Financial Literacy course for high school students is designed to provide students with essential skills and knowledge for making sound financial decisions. Beginning with an introduction to personal finance, students learn about income types, taxes, job benefits, and financial planning. The course progresses to cover consumer behavior, budgeting, and smart purchasing, including understanding loans, credit scores, and effective debt management. A significant focus is placed on saving and investing, where students explore savings accounts, compound interest, and investment vehicles like stocks and bonds.	S1 | S2
9, 10, 11, 12	Mathematics	**Geometry** Embark on a geometric journey that unveils the beauty and precision of spatial reasoning with our comprehensive Geometry course. From the foundational principles of Euclidean geometry to the intricacies of trigonometric relationships and solid figures, this course equips students with the tools and techniques necessary to explore and analyze the world of shapes and spatial structures.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Health** This year-long comprehensive health education course provides students with the knowledge, skills, and understanding needed to maintain and improve their physical, mental, and social well-being. Through ten integrated units, students explore crucial aspects of personal and community health while developing practical skills for healthy decision-making and lifestyle choices. This course takes a holistic approach to health education, emphasizing the interconnection between physical, mental, and social health. Students will engage with evidence-based content while developing critical thinking skills, practicing effective communication, and learning to access and evaluate health information in the digital age.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Integrated Math 1** Integrated Math 1 provides a comprehensive foundation in algebra, geometry, and trigonometry, emphasizing connections between mathematical concepts and real-world applications. Through a series of structured units, students will develop essential problem-solving skills, mathematical reasoning, and critical thinking abilities. The course progresses from fundamental algebraic concepts to more advanced topics like functions, geometry, and quadratic equations.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Integrated Math 2** Integrated Math II is designed to build upon the mathematical concepts introduced in Integrated Math I, focusing on exponential and logarithmic equations and functions, polynomials, radicals and complex numbers, matrices, angles, congruence and similarity, sequences and series, probability, statistics, and triangles. Students will develop critical thinking and problem-solving skills as they explore these topics and their applications in real-world scenarios. The course emphasizes the development of mathematical fluency, reasoning, and communication skills necessary for success in higher-level mathematics courses and everyday life.	S1 | S2 | YEAR

S-Intervention

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Integrated Math 3** Welcome to Advanced Integrated Mathematics III! This course is designed to provide students with a comprehensive understanding of advanced mathematical concepts and their real-world applications. Throughout this course, students will explore topics ranging from geometric relationships and measurements to advanced algebraic concepts, including functions, trigonometry, vectors, complex numbers, and conic sections.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Nutrition and Wellness** To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight to how you age to how well you think. You'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	**Physical Education** Each unit integrates engaging core concepts and exciting real world scenarios with practical skills and applies an exercise model to design effective fitness programs for students. This includes interactive fitness activities, a dive into nutrition and how it correlates with exercise, as well as innovative approaches to seeing fitness as a positive lifelong journey. This glimpse into lifelong fitness includes an opportunity for students to calculate and monitor heart rate, understand the cardiovascular system and the importance of stretching and mobility, as well as highlights the constructive role of sport participation and how it is related to fostering personal development and community involvement. By incorporating these concepts in a cohesive manner, the course ensures holistic development, wellness enhancement, and an opportunity to look at fitness as a crucial long-term health benefit.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Physical Science** Physical Science are introduced to the principles of chemistry and physics so that they may develop a better understanding of atoms, chemical reactions, and nuclear interactions. Students explore the properties and states of matter and investigate chemical bonds and reactions. Students will investigate the development of the periodic table, an outline of modern atomic theory, and organic and nuclear chemistry. Additionally, students study Newton's laws of motion while considering the interactions between motion, forces, energy, and thermodynamics. As a prerequisite to Physical Science, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Physics** Students enrolled in Physics advance their knowledge and understanding of concepts in previous general science courses. In this course, students examine classical mechanics while learning to calculate concepts in one-dimensional, two-dimensional, and circular motion. Students explore work and energy in addition to the concepts of waves, sound, light, optics, and electromagnetism. The course concludes with an analysis of nuclear physics and a debate on quantum physics. This course requires students to use fundamental algebra and analytical skills to solve problems and analyze situations. As a prerequisite to Physics, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge. While the completion of Trigonometry is not required, a pre-or co-requisite of Trigonometry will allow students to be better prepared for calculations involving dynamics, vectors, and kinematics.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Precalculus** Precalculus bridges algebra, geometry, and trigonometry into a unified study of functions and their behavior. Students graph and transform function families, solve trigonometric and logarithmic equations, examine limits informally, and use matrices, vectors, and parametric equations to describe motion and change. The course closes with an introduction to the ideas of rate of change and accumulation that open calculus.	S1 | S2 | YEAR

S-Intervention

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	**Psychology** This year-long Psychology elective provides students with an understanding of human behavior and mental processes. The course begins with an introduction to psychology, exploring its history, methodologies, and various schools of thought. Students will cover topics like neuroscience and behavior, learning about the brain's structure and its influence on cognition and behavior. The course covers developmental psychology, examining human growth and psychological changes from infancy through adulthood. Through case studies, students gain a real-world understanding of psychological concepts and their applications in everyday life.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Real-World Math** Welcome to our journey through the fascinating world of mathematics. This high school mathematics course is designed to weave together the elegance of mathematics with the tangible experiences of the world around us. Through a series of ten carefully curated and CCSS (2024) aligned units, students will embark on a journey from the foundational elements of basic mathematical concepts to the sophisticated realms of statistical analysis, probability, personal finance, and the fascinating interplay between mathematics, art, and music. This course is not just about numbers; it's a narrative revealing the mathematical beauty, order, and complexity of our natural world.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	**U.S. Government** U.S. Government examines how American government is structured and how citizens shape it. Students study the constitutional foundations of the republic, the powers of the legislative, executive, and judicial branches, federalism and state government, civil rights and civil liberties, elections and political parties, and the role of media and interest groups in public policy.	S1 | S2
9, 10, 11, 12	Social Studies	**U.S. History** U.S. History traces the nation's story from westward expansion and industrialization through the World Wars, the Great Depression, the civil rights movement, the Cold War, and into contemporary America. Students analyze primary sources, evaluate competing interpretations, and connect historical developments to the issues of today.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	**World Geography** This comprehensive course on World Geography is designed to cover significant geographic concepts, physical and human geography, and the pressing global issues of environmental sustainability. Through a series of 10 units, students will explore the diverse landscapes of the Earth, the intricate interplay between human activities and the environment, and the innovative solutions aimed at creating a sustainable future. Each unit incorporates inquiry-based questions to foster critical thinking, aligning with the Next Generation Science Standards (NGSS) on Human Impacts on Earth Systems and Global Climate Change, among others.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	**World History** This comprehensive World History course spans from early civilizations to the modern world, offering a deep dive into global history. Students begin with the ancient civilizations of Mesopotamia, Egypt, India, and China, understanding their contributions to human development. The journey continues through the classical period, medieval times, the Renaissance, and the age of exploration, highlighting significant cultural, political, and technological advancements. The course covers the World Wars, the Cold War, decolonization, and the rise of globalization, emphasizing their impact on contemporary society.	S1 | S2 | YEAR



L-Synchronous Catalog

Rigorous, Teacher-Guided Learning in Manageable Steps

The L-Synchronous catalog breaks instruction into bite-sized learning objects designed for teacher-led, paced, or self-paced learning. With more than 180,000 learning objects and validated assessments, courses support frequent interaction through teacher-graded assignments, written work, and file submissions.

Courses follow a standards-aligned, backwards-design model and include multimodal activities such as Read It, Watch It, Practice It, Play It, Show It, Reinforce It, and Apply It. Many courses are NCAA approved or used as honors options.

Semester courses include 90 lessons, while year-long courses include 180. Students typically complete one lesson per day in approximately 50 minutes.

Hidden Items (if applicable)
Student Survey

Default Weights

Weights can be adjusted to teacher's preference

GRADES 6-12

Pretest	**20%**	**Midterm** (block, year-long courses)	**10%**
Quizzes	**20%**	**Final Exam**	**15%**
Unit Tests	**35%**		

**Category is only used when teachers choose to make "Show It" gradable, it is weighted at 20%, with the other grading categories reduced equally to accommodate the 20% weight.

L S L-Synchronous

Elementary

Grade	Subject Area	Course Name	Course Length
1	Arts	**1st Art** In Art 1, students explore the roles of both groups of people. Students learn how daily life can be used as inspiration and how it can be depicted through artwork. They categorize artworks according to the subject matter each is portraying. Additionally, students learn to recognize the elements of art and the principles of design, and they rate artwork. Students explore the ways in which artwork is created outside of the school setting, and they discover that art is made for different reasons. As practicing artists, students will develop their art vocabulary, art understanding, and artistic skills as they work through prompts supplied in the course.	FLEX | YEAR
1	Arts	**1st Music** In Music 1, students are introduced to music fundamentals such as solfège, rhythms, dynamics, meter, instrument families, and dance forms. Each topic is presented through the use of music and movement activities that include reading, singing, dancing, and writing. Students improvise original rhythmic compositions. They sing using various forms of musical expression and dance. They learn and practice proper stage and performance etiquette techniques, and they explore the ways in which music and dance work together to create specific dance forms. Students also learn about American composers whose music has influenced American society.	FLEX | YEAR
1	Health & PE	**1st Physical Education** Physical Education 1 offers students a complete physical education experience where students are encouraged to live healthy lifestyles through good food choices and daily activity. The course begins by introducing students to the requirements for completion, which include 36 hours of organized, supervised physical activity. Students document all activity within their PE Logs. From there, students learn about a number of different elements of a healthy lifestyle, including safety, working with others, responsibility, stretching, healthy versus unhealthy foods, and warming-up and cooling-down. Regardless of the activity students are asked to do on a given day, they are expected to get up and move for a certain amount of time within each lesson. This expectation encourages students to be active every day by creating a routine. Students can be active by performing different exercises, engaging in different activities, or by using items from their grade-appropriate physical education kits, which are available to purchase. The kit is designed to work in conjunction with the course content and contains age-appropriate exercise and activity items. Adaptive physical education activities are available for this course.	FLEX | YEAR
1	Science	**1st Science** Science 1 extends students' exploration of the natural world. Along the way, students practice making predictions and observations, experimenting, and using scientific tools and problem-solving skills. In this course, students investigate animals and plants, identify the basic needs of all living things, and compare and contrast plant and animal families. They examine how humans solve problems by mimicking plant and animal structures and functions. This course also introduces patterns of the sun, moon, stars, and Earth that can be predicted. Students observe and discover the properties of light and sound and learn ways to communicate with light and sound. Finally, students develop their ability to distinguish problem from solution and recognize the relationship between cause and effect. This course includes a printed Parent and Teacher Guide that supports student learning.	S1 | S2 | YEAR
1	Social Studies	**1st Social Studies** Social Studies 1 leads students beyond their local community to consider their place in their state, the nation, and the world. They explore the function and characteristics of government in the United States, including the role of rules and laws and the rights and responsibilities of citizens. Students also learn how to ask questions and gather information to understand history. The course focuses on developing students' knowledge of the interplay between the physical world and human societies, as they learn basic geography skills, such as map reading, and examine the impact of the environment on how and where people live and how regional variations drive trade in both goods and services. Finally, students build their understanding of good citizenship by identifying ways to contribute to the community and avoid conflict and by interacting respectfully with others. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

L S L-Synchronous

Elementary

Grade	Subject Area	Course Name	Course Length
2	Arts	**2nd Art** In Art 2, students explore artistic expression of their own personal interests. They learn to organize art into categories and to identify the various methods and materials used to create art. Throughout this course, students expand their artistic vocabulary, using it to describe the works they are studying. They explore the ways in which color can represent mood in artworks and create their own works to express their mood. While learning safe procedures for working with artistic materials, students experiment with mixing colors. In addition to creating artworks that depicts family, school, and community life, students also gain familiarity with works from European and Asian cultures.	FLEX | YEAR
2	Arts	**2nd Music** In Music 2, students explore musical expression. They investigate how musical concepts such as tempo are used to achieve the musician's expressive intent. Students identify the role and responsibility of a music composer and seek out the connections between music, other arts, daily life, and history. Throughout the course, they perform songs with movements and improvise rhythmic patterns and melodies. They create and record musical ideas through a recording device or on paper. Students learn to identify how personal interests and experiences influence music selection and instrument choice. Through these studies, they evaluate music from the Irish, African, and Japanese cultures. Additionally, they work with standard and iconic notation. Finally, students use the musical skills learned in this course to evaluate recorded music and make suggestions for improvement.	FLEX | YEAR
2	Health & PE	**2nd Physical Education** Physical Education 2 provides students with a comprehensive physical education course. Within this course, students are encouraged to discover ways to live a healthy lifestyle, including better food choices and consistent activity. Students begin the course by learning about the required 36 hours of organized, supervised physical activity. They also learn to document their activity within a PE Log. The course then moves into different aspects of healthy living, discussing components of health and safety, nutrition, working with others, following directions, and a number of new and different exercises, activities, and techniques. Regardless of the activity, the student is asked to do within a given day, they are encouraged to get up and move for a certain amount of time within each lesson. This expectation helps them to create a routine-like schedule. Students can be active by performing different exercises, engaging in different activities, or by using items from their grade-appropriate physical education kits, which are available to purchase. This kit, which is designed to work in conjunction with the course content, contains age-appropriate exercise and activity items. Adaptive physical education activities are available for this course.	FLEX | YEAR
2	Science	**2nd Science** Students investigate life, earth, and physical science concepts through guided inquiry and observations.	S1 | S2 | YEAR
2	Social Studies	**2nd Social Studies** Social Studies 2 empowers students to become productive citizens by developing their knowledge and skills in civics, history, geography, and economics. They deepen their understanding of the U.S. government by explaining the role of the three branches of government and of the U.S. Constitution. Students extend their knowledge of U.S. history to recognize the impact of important figures and movements of the past, and they begin to think like historians by identifying reliable sources, crafting compelling questions, distinguishing fact and opinion, and using timelines to structure series of events. The course highlights the role of international relations, including both alliances and international trade, as well as the importance of geography and regional variations in resources and production. Finally, students learn core concepts of economics, including supply and demand, scarcity, and cost and benefits, as well as the functions of banks, and relate these concepts to individuals and communities. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

L S L-Synchronous

Elementary

Grade	Subject Area	Course Name	Course Length
3	Arts	**3rd Art** In Art 3, students create, experiment, revise, present, analyze, and respond to artwork. Students learn the importance of presenting their art and the necessary components to consider when doing so, such as the display space, artwork preparation, and display limitations. Students revise and enhance their art in order to tell a better visual story. They also learn how to ask important questions regarding the imagery and materials an artist uses to better understand the message of the work. Art 3 gives students the observation tools they need to perceive their world and create art based on what they see and how they feel.	FLEX | YEAR
3	Arts	**3rd Music** In Music 3, students explore musical basics such as melody, harmony, dynamics, tempo, timbre, texture, and context. They also reflect upon how these elements affect a listener's response to the music. Students use standard notation to read and write notes and rhythm in the treble clef and then practice playing those notes on instruments including the hand drum, rhythm sticks, and the soprano recorder. They learn about new musical ideas such as the pentatonic sound, major and minor scales, and singing in solfège. Finally, students identify key classical composers and explore new musical genres such as blues, bluegrass, country, jazz, and pop music.	FLEX | YEAR
3	Health & PE	**3rd Physical Education** Physical Education 3 offers a comprehensive physical education course where students learn how to live a healthy lifestyle and are motivated to be active. Students begin by learning about the required 36 hours of organized, supervised physical activity required in the course and how to document their activity within a PE Log. After students learn the guidelines, they move into the course content, which covers topics ranging from safety, rules, and etiquette to various new, fun, and challenging activities and exercise techniques. Students learn the basic elements of each new activity, along with the proper way to execute the motions so that they can get the most benefits from the exercise. Regardless of the activity the student is asked to do within a given day, they are encouraged to get up and move for a certain amount of time within each lesson. This expectation helps them to create a routine-like schedule. Students can be active by performing different exercises, engaging in different activities, or by using items from their grade-appropriate physical education kits, which are available to purchase. This kit, which is designed to work in conjunction with the course content, contains age-appropriate exercise and activity items. Adaptive physical education activities are available for this course.	FLEX | YEAR
4	Arts	**4th Art** In Art 4, students begin thinking about the meaning behind works of art. They work both independently and collaboratively to brainstorm ideas for visual art, set artistic goals, and create meaningful artistic pieces. Students experiment with oil pastels and nontraditional art-making approaches and materials. They explore how regional influences can inspire an artist and create their own art based on regional inspirations. Students observe the various ways in which art can be displayed, where it can be displayed, and how its placement can impact the artist's message. Students compare and contrast works from different cultures and create art to reflect their own cultural traditions. They also learn to use context to interpret artwork and infer information about the time, place, and culture in which works were created.	FLEX | YEAR
4	Arts	**4th Music** In Music 4, students identify how the elements of music (melody, harmony, timbre, dynamics, and tempo) affect what a piece of music communicates to a listener. Students label or perform three different examples of rhythm in addition to musical notes such as the eighth note and the sixteenth note. They identify notes on the bass and treble clef. Students learn the difference between sharps and flats and major and minor scales. They create simple melodies with chords and mark tempo, time signature, and signature key. Students explore different musical characteristics and instruments from Africa in addition to Latin American and Celtic music and dance. Finally, students explain how social and cultural contexts influence a musical performance.	FLEX | YEAR

L S L-Synchronous

Elementary

Grade	Subject Area	Course Name	Course Length
4	Health & PE	4th Physical Education Physical Education 4 provides students with a complete physical education experience where they not only learn how to live healthier lifestyles, but they are also taught and encouraged to be active every day. The course begins with an introduction to the requirements for completing the course successfully. Students must participate in, and document, at least 36 hours of organized, supervised physical activity within a PE Log. Then, students move into the content, which ranges in topics from the five components of physical fitness and safety, rules, and etiquette to various new, fun, and challenging activities and exercise techniques. Before attempting each activity, students receive instruction on the basic elements and the proper execution of each movement so that they can get the most benefits from the exercise. Regardless of the activity the student is asked to do within a given day, they are encouraged to get up and move for a certain amount of time within each lesson. This expectation helps them to create a routine-like schedule. Students can be active by performing different exercises, engaging in different activities, or by using items from their grade-appropriate physical education kits, which are available to purchase. This kit, which is designed to work in conjunction with the course content, contains age-appropriate exercise and activity items. Adaptive physical education activities are available for this course.	FLEX | YEAR
5	Arts	5th Art Art 5 gives students opportunities to work with a wide range of materials, from metal to watercolors, all while further developing their techniques and skills as artists through repeated practice. Students learn to analyze, interpret, and talk about art with their peers as well as other admirers of art. They are introduced to the idea of cultural associations and perceptions and are asked to look at imagery critically. In doing so, students learn to decide how the details of their own work could be interpreted by others. Throughout this course, students create artwork that will bring attention to topics they find important. Their work will illustrate their awareness of their surroundings and will show their developing artistic abilities.	FLEX | YEAR
5	Arts	5th Music In Music 5, students demonstrate their ability to create, perform, analyze, and respond to music while making connections to personal, social, cultural, and historical perspectives. By the end of the course, students will be able to read music notation, compose music, and improvise original melodies. Students will also apply what they learn through interactive learning activities and performances on a variety of instruments including, but not limited to, the tambourine, rhythm sticks, maracas, and the soprano recorder.	FLEX | YEAR
5	Health & PE	5th Physical Education Physical Education 5 offers a comprehensive physical education course where students are taught the basics for healthy and active living. Students begin by learning about the 36 hours of organized, supervised physical activity required for the course and how to document their activity in a PE Log. Next, students begin to engage with the content, which includes topics about safety and journaling in addition to new, fun, and challenging activities and exercise techniques. Before attempting each activity, students receive instruction on the basic elements and the proper execution of each movement so that they can get the most benefits from the exercise. Regardless of the activity the student is asked to do within a given day, they are encouraged to get up and move for a certain amount of time within each lesson. This expectation helps them to create a routine-like schedule. Students can be active by performing different exercises, engaging in different activities, or by using items from their grade-appropriate physical education kits, which are available to purchase. This kit, which is designed to work in conjunction with the course content, contains age-appropriate exercise and activity items. Adaptive physical education activities are available for this course.	FLEX | YEAR

L S L-Synchronous

Elementary

Grade	Subject Area	Course Name	Course Length
1	English Language Arts	English 1st Grade English 1st Grade focuses on developing reading, writing, spelling, speaking, and listening skills. In this course, students begin to understand that spoken and written language can be broken into phonemes. They use rhyming, blending, and segmenting to develop the foundation needed to become an emergent reader. Students read prose, poetry, and informational texts for comprehension. They learn to interpret the ways in which stories and poems appeal to the senses and to identify the main topic and key ideas within texts. Students increase their vocabulary by learning to use morphemic and contextual analysis to determine the meaning of unknown words. Students learn to spell new words using various spelling rules. Students hone their writing skills by practicing grammar rules for noun usage, personal possessive and indefinite pronouns, verb tenses, capitalization, commas, and end punctuation. In doing so, they learn to produce and expand sentences and to write opinion pieces, informational pieces, and narratives. This year, students begin learning how to research information and how to use their research to answer questions. They identify and use various parts of a book, such as headings and the table of contents. They also use digital tools to publish their writing. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
2	English Language Arts	English 2nd Grade English 2nd Grade central concepts are reading, writing, spelling, speaking, and listening. This year, students begin to transition from learning to read to reading to learn. Students continue to develop their phonemic awareness by learning to recognize word families, word origins, and irregularly spelled words. They also begin to use linking words to connect opinions and reasons and time-order words to signal the order of events. While reading, students work to distinguish fact from opinion, decipher an author's reason, and identify the main topic of a multi-paragraph text. Students sample multiple genres of literature, including fiction, nonfiction, poetry, folktales, and fables, while exploring story elements such as plot, setting, characterization, and the author's point of view. They also learn to distinguish between the main idea and the theme of a story. Students develop their writing skills by composing narrative, persuasive, and informative essays, as well as creative writing pieces. Additionally, they practice their research skills by finding facts in multiple sources and using them to produce a science report. Students use a dictionary to reinforce phonetic punctuation and spelling and to identify words with multiple meanings. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
K	English Language Arts	English Kindergarten English Kindergarten encompasses reading, writing, speaking, spelling, and listening skills for students who are emerging learners. This course places a heavy emphasis on the alphabet, as students learn letter names and both uppercase and lowercase letters. Students also learn letter sounds and how to articulate and blend those sounds. It focuses on building reading skills through the use of high-frequency sight words, common prepositions, nouns, verbs, and adjectives. Through grade-level appropriate readings, students explore story elements and the ways in which pictures relate to text. They also learn to summarize a text and to compare and contrast characters, events, and ideas within texts. This course teaches foundational grammar and writing skills, including proper capitalization, spacing between words, and sentence punctuation. Students learn to print words and write complete sentences. Finally, interactive activities throughout the academic year help students develop their speaking and listening skills as well. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

L S L-Synchronous

Elementary

Grade	Subject Area	Course Name	Course Length
K	Arts	K Art In Art K, students are introduced to the ways in which they can express ideas and demonstrate their creativity through art. Throughout this course, students are encouraged to use their imagination to create art. They use a wide variety of materials to make their artwork, and they learn safe methods for using those materials. They explore the importance of working with others by collaborating both to create art and to solve artistic problems. Students use multiple techniques while working with the same artistic medium, and they create various scenes, including a nature scene, a construction scene, and an underwater scene. This course will teach students to develop and carry out a plan to create and revise their work, and it guides them through the process of creating a personal art portfolio. In addition, Art K encourages students to begin thinking about the artwork of others. They learn about well-known artists and the common tools those artists used. They also learn about art museums and consider how pieces of artwork make them feel. Finally, students create works of art that are of a more personal nature, including art depicting their own community, a self-portrait, and an illustration of their favorite book. Throughout Art K, students learn art terminology so that they are able to connect ideas and demonstrate the beginnings of a strong artistic foundation.	FLEX | YEAR
K	Arts	K Music In Music K, students are introduced to the expression of ideas and creativity in music through active involvement. Students respond, connect, perform, and create music to enhance gross and fine motor skills, vocal development, self-expression, personal connection, originality, visual recognition, and audiation while developing music terminology.	FLEX | YEAR
K	Health & PE	K Physical Education Physical Education K offers students a comprehensive physical education course where the focus is to get students motivated to be active. Students begin by learning about the course requirement of 36 hours of organized, supervised physical activity. They also learn to document their activity in their PE Log. Next, students learn about different aspects of physical education, including different exercise and activity techniques in addition to information on leading a healthier lifestyle that allows them to be more physically fit. Topics such as safety, following directions, friendships with peers, and basic health and nutrition are reviewed. Regardless of the content covered in the daily lesson, students are expected to get up and move every day. They can do so by using different movements, exercises, or the grade-appropriate physical education kit items, which are available to purchase. The kit is designed to work in conjunction with the course content and contains age-appropriate exercise and activity items. Adaptive physical education activities are available for this course..	FLEX | YEAR
K	Science	K Science Science K introduces emerging learners to the knowledge and skills that will help them discover and understand the natural world around them. In this course, students learn to formulate questions, to predict, and to investigate. They use basic scientific tools, such as a magnifying glass, a ruler, and a thermometer, to make observations and draw on those observations to communicate their findings. They learn to use their five senses as observational tools as well. They deploy their observational skills to describe animals and plants, their basic needs for survival, and their environments. Students discover the effect of sunlight on Earth's surfaces and the difference between sun and shade. Students explore weather types, weather patterns, and seasonal changes. They also examine the characteristics of force, including the difference between a push and a pull. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
K	Social Studies	K Social Studies Social Studies K introduces emerging learners to the knowledge and skills that will help them to become active and valued participants in their community. Students discover the importance of rules and regulations in guiding community behavior, and they explore good citizenship and values such as respect, democracy, cooperation, and equality. Social Studies K establishes students' understanding of the past by teaching them the importance of a sequence of events and developing their skill in distinguishing fact from opinion. Finally, students learn about the world around them, including how geography influences society, how maps represent places, and how communities rely on trade in goods and services. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR

L S L-Synchronous

Elementary

Grade	Subject Area	Course Name	Course Length
1	Mathematics	Math 1st Grade In Mathematics 1, students begin to learn mathematics in a more formal way. They focus on rote counting to 120 and practice reading and writing these numbers. In addition to strengthening their addition and subtraction skills, they compare two-digit numbers using place values and the comparison symbols for greater than, less than, and equal to. Students measure lengths and use measurements to compare the lengths of multiple objects using nonstandard measuring and units. They strengthen their geometry skills by drawing two-dimensional and three-dimensional shapes, and they explore fractions by dividing those shapes into halves and quarters. Students also organize, represent, and interpret data in pictures, tables, and charts. Additionally, they tell and write times in hours and half-hours. This course includes a printed Parent and Teacher Guide that will help you support your student's learning.	S1 | S2 | YEAR
2	Mathematics	Math 2nd Grade Second grade Mathematics focuses on place value, multi-digit addition and subtraction, measurement, data analysis, and geometry concepts.	S1 | S2 | YEAR
K	Mathematics	Math Kindergarten In Mathematics K, students explore the world of mathematics all around them. They begin to develop foundational mathematics skills such as number identification, rote counting to 100 by memory, and place value. They learn the difference between more than and less than and explore the ways in which numbers can be decomposed. Students compare measurements, such as longer and shorter and heavier and lighter. They begin to develop problem-solving skills as they engage with simple addition and subtraction equations and word problems. Finally, students are introduced to basic geometry and learn the names and basic attributes of shapes. This course includes a Parent and Teacher Guide that supports student learning.	S1 | S2 | YEAR
K-5	Health & PE	PK Physical Education PK Physical Education introduces the youngest learners to joyful, active movement. Students practice fundamental motor skills such as running, jumping, balancing, throwing, and catching through games and guided play, while learning about personal space, following directions, safety, and simple healthy habits. Adaptive activity options are available throughout the course.	FLEX | YEAR
K-5	English Language Arts	Pre-K Integrated A pre-kindergarten integrated course combining foundational literacy, numeracy, science, and social studies concepts.	S1 | S2 | YEAR

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Arts	6th Art Art 6 encourages students to collaborate to create art. Students investigate how art can be personally significant while learning to be open to new artistic ideas, materials, methods, and creative approaches. In this course, students also explore the ways in which art equipment and materials can affect the environment. They study why and how artistic design can influence people, and they design art for a diverse population. Students also determine whether works of art successfully communicate their intended message. This course introduces three-dimensional art, and students compare two-dimensional and three-dimensional pieces before creating their own 3-D artwork. They will view art from around the world and determine what the works reveal about the values and lifestyles of the people depicted in the works. Finally, students learn the importance of preserving art and the ways in which to critique art.	FLEX | YEAR

L S L-Synchronous

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Arts	6th Music In Music 6, students express ideas and creativity through music. Students apply music terminology to different instrument groups and learn to read music. Additionally, students discuss different forms of music and popular songs within Western and worldwide music.	FLEX | YEAR
6, 7, 8	Health & PE	6th Physical Education Physical Education 6 provides a complete physical education experience, allowing students to learn the basics of living a healthy life and the benefits of being active as often as possible. Students begin by learning about the organized, supervised physical activity required for the course. They also learn how to document their activity within a PE Log. Next, students move into the content, studying topics ranging from health, nutrition, and safety to new, fun, and challenging activities. Before attempting each activity, students receive instruction on the basic elements and the proper execution of each movement so that they can get the most benefits from the exercise. Regardless of the activity students are asked to do within a given day, they are encouraged to get up and move for a certain amount of time within each lesson. This expectation helps them to create a routine schedule. Students can be active by performing different exercises, by engaging in different activities, or by using items from their grade-appropriate physical education kit, which is available to purchase. This kit, which is designed to work in conjunction with the course content, contains age-appropriate exercise and activity items.	FLEX | YEAR
6, 7, 8	Arts	7th Art In Art 7, students transition from exploratory art discovery to a more discipline-based approach. This new approach focuses on developing students' skills and techniques as well as content knowledge, while still allowing for exploration and individuality. Students have the opportunity to act as real artists through repeated sketching, concept development, and continued research and observation activities while they work with a variety of media. Art 7 includes a strong focus on independent, creative thinking and problem solving through project-based learning. This course is designed to cover a half year of instruction, but it can be completed at each student's own pace. The project-based activities have dedicated, multi-day lessons to allow students time to sufficiently and successfully develop their ideas and artwork.	FLEX | YEAR
6, 7, 8	Arts	7th Music In Music 7, students explore the history, development, and attributes of American music. They will learn music theory and music reading skills, which are presented and reinforced within the context of historical musical works. Students interpret sheet music that represents various genres of American music. Additionally, students practice performing music vocally and with a pitched instrument.	FLEX | YEAR

L S L-Synchronous

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Health & PE	7th Physical Education Physical Education 7 offers a comprehensive physical education course for students to assist them in creating a healthy lifestyle and living an active life. Students begin by learning about the required, supervised physical activity and how to document their activity in a PE Log. Students can also track their activity by using a physical fitness step tracker. Students then move through the course content, which ranges from topics about healthy living and eating to a variety of fun and challenging activities. Before attempting each activity, students receive instruction on the basic elements and the proper execution of each movement so that they can get the most benefits from the exercise. Regardless of the activity students are asked to do within a given day, they are encouraged to get up and move for a certain amount of time within each lesson. This expectation helps them to create a routine schedule. Students can be active by performing different exercises, by engaging in different activities, or by using items from their grade-appropriate physical education kit, which is available to purchase. This kit, which is designed to work in conjunction with the course content, contains age-appropriate exercise and activity items.	FLEX | YEAR
6, 7, 8	Arts	8th Art In Art 8, students will be introduced to design elements and principles, as well as contemporary art-making processes and the act of conceptual thinking. The Art 8 curriculum is designed to cover a half-year of instruction but can be completed at each student's own pace.	FLEX | YEAR
6, 7, 8	Arts	8th Music In Music 8, students are introduced to a variety of music genres and instruments. They explore the concepts of rhythm, melody, timbre, texture, dynamics, form, and rhythm, and they learn to sight read music. Students listen to various examples of songs to interpret performances, and they compose and perform their own song.	FLEX | YEAR
6, 7, 8	Health & PE	8th Physical Education Physical Education 8 offers a complete physical education experience for students, helping them learn about and implement healthy habits. Whether it is through nutrition, exercise, or general life choices, students are educated on the multiple facets of creating a healthy lifestyle. Students begin by learning about the required physical activity and how to document their activity in a PE Log. Students can also track their activity by using a fitness tracker. Next, students begin to work through the course content, which ranges from topics about the F.I.T.T. principle and other fitness components to various fun and challenging activities and exercise techniques. Before attempting each activity, students receive instruction on the basic elements and the proper execution of each movement so that they can get the most benefits from the exercise. Regardless of the activity students are asked to do within a given day, they are encouraged to get up and move for a certain amount of time within each lesson. Students can be active by performing different exercises, engaging in different activities, or by using items from their grade-appropriate physical education kit, which is available to purchase. This kit, which is designed to work in conjunction with the course content, contains age-appropriate exercise and activity items.	FLEX | YEAR

L S L-Synchronous

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	1960s America ★ ◉ The 1960s America course gives students a look at life during this exciting and monumental decade. This course covers the social, political, and cultural movements and changes that occurred in the 1960s. Students explore different historical events and determine how these events impacted American citizens during the decade and afterward. The course also focuses on significant headlines of the 1960s to give students a realistic perspective of this decade.	SEM
9, 10, 11, 12	English Language Arts	African American Literature ★ ◉ African American Literature is a survey course that spans the history of America as it relates to the lives of African Americans. Students explore the forcible transport of individuals from Africa to America, the publication of narratives of enslaved men and women, the abolition of slavery under President Lincoln, the civil rights movement, and the presidency of Barack Obama. Students explore the powerful and influential roles that African Americans have played in U.S. history. They discover the contributions of African American activists, artists, and authors through literature and nonfiction texts such as biographies, autobiographies, memoirs, court cases, historical texts, and litigations.	S1 | S2
9, 10, 11, 12	Social Studies	Ancient History ◉ Ancient History enables students to explore the cultures of ancient civilizations throughout the world. They discover each civilization's contributions to art, music, literature, education, religion, science, technology, government, and philosophy. Students explore aspects of humanity from prehistoric to about 500 CE.d.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Applied Mathematics ◉ Applied Mathematics covers the fundamental mathematics necessary for students to obtain a broad range of skills. Although problems in this course apply to a variety of topics from Algebra to Geometry, emphasis is given to real-world applications. Students write and solve linear equations to represent situations such as the value of a car or the distance that a plane travels during a trip. They also learn to solve quadratic equations and find the maximum value of quadratic equations. Students explore area, perimeter, and volume, and then they apply these concepts to situations such as building a swimming pool. Students calculate conversions between the U.S. customary system of measurements and the metric system. Geometry concepts presented in this course include the Pythagorean Theorem, using similar triangles, finding dimensions, and interpreting scale on a map. Finally, students use statistical concepts to interpret data sets and turn those data sets into graphical representations.	S1 | S2 | YEAR
9, 10, 11, 12	Arts	Art Appreciation ◉ Art Appreciation invites students to look closely at the visual world and understand why art matters. Students learn the vocabulary of art — line, shape, color, value, texture, space, and form — and the principles that organize them, then apply that language to paintings, sculpture, architecture, photography, and digital media from a wide range of cultures and time periods. Rather than focusing on studio production, this course builds the skills of the viewer: describing what is actually there, interpreting meaning and symbolism, considering the historical and cultural context of a work, and forming and defending a personal judgment. Students compare how different media and techniques shape a message, examine the role of museums, patrons, and public art in shaping taste, and explore careers connected to the visual arts. By the end of the course, students can walk into any gallery or scroll any feed and discuss what they see with confidence.	S1 | S2 | YEAR

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L S L-Synchronous

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Business Applications ◉ In Business Applications, students focus on business software and the corresponding skills required in the business world. The course begins with an overview of computers, including hardware, software, and operating systems. Students explore spreadsheet, word processing, presentation, and database software and discover how to fulfill a customer request using these skills. They also study web-based applications and additional software packages and learn about Internet technology. Students investigate common security concerns and discover how to prevent security issues. Finally, students experience the software development cycle where they learn how various professionals utilize business applications. They discover the importance of moral and ethical responsibility in an online community. Students must possess basic spreadsheet, word processing, and presentation software skills before entering this course. Additionally, students must be independent learners, and they must be comfortable learning new technology and researching software features and functions.	SEM
9, 10, 11, 12	CTE	Business Management ◉ Business Management guides students through examples of their roles as wage earners, consumers, and citizens as they explore the wide, exciting world of business. Students examine topics ranging from extensive credit use to the role of government in the U.S. economy. Students are encouraged to take Introduction to Business as a prerequisite to Business Management, as Business Management dives deeper into the different aspects of managing a business successfully.	SEM
9, 10, 11, 12	Mathematics	Business Mathematics ◉ In Business Mathematics, students discover a variety of basic mathematical concepts and tools for real-word mathematical application including algebraic equations, formulas, operations using fractions, decimals, and percentages. This course shows students how to work with percentages to solve application problems and how to research investment and insurance options. Students learn to graph a function from an equation, and they work with ratios and proportions. Additionally, students explore the proper methods of preparing and analyzing income statements and balance sheets. They also study the ways in which to calculate real estate loan payments, and they learn to read and interpret graphs to represent data in the business world. This course also discusses mean, median, and mode as it relates to the distribution of data.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Calculus ★ ◉ Calculus evaluates higher-level mathematics through analytical/algebraic, numerical, graphical, and verbal methods. Students study various components of mathematics, including the investigation of trigonometric functions, probability, and series. Students will strengthen their skills with Pre-Calculus and Trigonometry concepts in preparation for post-secondary coursework. Having a strong calculus knowledge base supports all students, but mostly those students who are interested in careers in the mathematics and engineering fields.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Consumer Mathematics ◉ In Consumer Mathematics, students learn mathematical concepts that they will use in their daily lives. They focus on real-world topics that require addition, subtraction, multiplication, and division of whole numbers, as well as fractions, decimals, ratios, proportions, and percentages. Students also explore the ways in which real-life activities such as traveling, purchasing a new car or house, or even installing new carpeting relates to mathematics. Consumer Mathematics relates everyday mathematics concepts to concrete definitions, processes, and many real-life situations.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	Cursive Handwriting ★ ◉ This course teaches students the art of cursive handwriting, focusing on letter formation, fluency, and legibility.	SEM

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L S L-Synchronous

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	English Language Arts	Debate ★ ◉ In the Debate course, students learn crucial debate terminology, speech strategies, and persuasive techniques. Students investigate rhetoric and learn to consider multiple and divergent perspectives. Throughout this course, students develop the skills necessary to execute a well-versed and effectively supported argument. This study of supporting claims with credible evidence will allow students to engage in effective persuasive discourse.	SEM
9, 10, 11, 12	English Language Arts	English Grammar ◉ Students enrolled in English Grammar explore basic, intermediate, and advanced concepts of grammar, language, style, and composition. By analyzing word meaning and function, students will generate content using appropriate grammatical expressions. Students will examine provided writing samples and their own compositions to enhance their skills. The English Grammar curriculum is designed to cover a half-year of instruction, but it can be completed at each student's own pace.	S1 | S2
9, 10, 11, 12	Arts	Exploring Art ◉ Exploring Art course invites students to embark on a creative journey through various artistic media and techniques. They will delve into the history and evolution of traditional art forms while also exploring contemporary and non-traditional approaches. Through project-based activities, students will enhance their artistic skills and create dynamic two-dimensional, three-dimensional, and digital artworks.	S1 | S2 | YEAR
9, 10, 11, 12	Arts	Exploring Cinema ◉ Exploring Cinema introduces students to film-making and cinematic productions. In this course, students explore the technology used to create a film and begin to build an aesthetic appreciation of films. Students also explore media art and the ethics of media creation, giving them a wider perspective on the different ways material can be presented.	SEM
9, 10, 11, 12	Arts	Exploring Jazz ◉ Delve into the rich history of jazz through this new interactive Exploring Jazz course. Engaging modules introduce the fundamental elements of jazz music as well as the genre's soulful history.	SEM
9, 10, 11, 12	Arts	Fashion Design ◉ Fashion Design is an advanced course for students interested in learning the intricate process of how the fashion system works. Students will study the fashion business in sequential order from concept to consumer. They will examine all of the processes involved in the industry from producing raw materials, apparel, and accessories to the retail stores that sell fashion merchandise to the public. Students learn that the decision-making process is complex and not just about the latest designers, styles, or trends of an era. In this course, students will explore the history of fashion, including the looks and creations at every era. They will discover the equipment, tools, and fabrics used to create fashion, and they will learn how technology is used in fashion. Students have an opportunity to express themselves and their style through the creation of their own fashion design sketches and mood boards. Students will learn fashion terminology and how to forecast new and upcoming fashion trends.	SEM
9, 10, 11, 12	World Languages	French 1 ◉ French I is an introductory course designed for students who have little or no previous knowledge of the French language and culture. This course will allow students to acquire the tools necessary for communication and comprehension of the French language. Students explore the global francophone community, and they compare these different cultures to each other and to their own. This course primes students' fluency through various types of communications.	S1 | S2 | YEAR

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High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	World Languages	French 2 ◉ In French II, students have the opportunity to review some of the structures from French I, but they also build their knowledge of the basic and intermediate French concepts. Students review the present tense of regular and irregular verbs, the passe compose with avoir and etre, and adjective agreement and placement. Students examine grammatical forms and are challenged to progress in their basic knowledge and speaking capabilities.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	French 3 ◉ In French III, students continue their study of the French language and francophone cultures. In this course, learners strengthen their communication skills through listening, reading, speaking, and writing in French. They broaden their vocabulary, grammar, communication skills, and cultural competency through exploring a variety of media including literary and journalistic texts, audio, audiovisual, and interactive resources.	S1 | S2 | YEAR
9, 10, 11, 12	Science	Fundamentals of Ecology ◉ Fundamentals of Ecology allows students to explore the ways in which organisms interact with their surrounding environments. Students will investigate ecological principles, such as natural selection, population and population dynamics, biodiversity, and the sustainability of ecosystems. Students also analyze major ecological challenges and the different ways society is working to mitigate these challenges.	S1 | S2
9, 10, 11, 12	World Languages	German 1 ◉ In German I, students are introduced to the basic and fundamental skills necessary for expressing common ideas in the German language. They learn to state daily activities and how to have an introductory conversation. These concepts build in theme and scope, allowing students to explore topics including daily activities, travel, needs, desires, and preferences in typical and increasingly complex situations. The course provides a realistic context in which students can practice their newly acquired skills.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	German 2 ◉ German II provides students with a comprehensive introduction to nouns and verbs and previously learned concepts. Students examine the case systems extensively, and focus on verbs throughout this course. They learn different types of verbs and their conjugations in different grammatical tenses such as present, future, past simple, and present perfect. Students learn a large number of new vocabulary words and idioms to assist in their continual development of language.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	German 3 ◉ In German III, students continue their study of the German language and popular German culture. Students use larger vocabulary terms and explore a variety of literary texts that include the structures and vocabulary that they are learning. In this course, students study vocabulary, grammar, and culture in context through authentic literary and journalistic texts, putting these items into practice through written and spoken tasks.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	Greek and Roman Mythology ◉ In Greek and Roman Mythology, students explore myths from Greece and Rome. They examine the history of mythology and some of the key gods and goddesses. Students learn to connect the cultures of ancient Greece and Rome with the culture of today. Throughout this course, students use technology and artistic practices to express their knowledge. In addition, they explore vocabulary, literary, and narrative elements, in addition to writing through the lens of mythology. Students work through the process of writing myths of their own through planning, drafting, revising, and publishing.	SEM

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L S L-Synchronous

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	English Language Arts	Introduction to College Writing ◉ Introduction to College Writing prepares students to create freshman writing pieces as they move toward their post-secondary education. In this course, they learn the skills necessary to build a solid foundation for basic college writing as they focus on informative and persuasive writing. Students practice organization, tone, and style in their work to ensure that they are well-rounded and skilled writers. Finally, students discover how to locate and present research and evidence in a logical, well-organized manner.	SEM
9, 10, 11, 12	World Languages	Introduction to Foreign Language ◉ The Introduction to Foreign Language course is geared toward students who are interested in taking a foreign language course, but are not sure in which language they would like to begin their studies. This course provides an introduction to German, Spanish, and French languages, allowing students to explore the culture and other important dynamics associated with each language. Students learn the basic vocabulary and structures of the languages in ways that are fun and educational.	S1 | S2 | YEAR
9, 10, 11, 12	Computer Science	Introduction to Typing ◉ In the Introduction to Typing course, students study the proper typing techniques in order to increase their typing speed or WPM (words per minute). Students practice proper posture, finger positioning, and typing strategies, and they explore safe Internet practices.	SEM
9, 10, 11, 12	World Languages	Mandarin Chinese 1 ◉ Mandarin Chinese I is an introductory course to Modern Standard Chinese, which includes the spoken language, Mandarin, and the written language of simplified characters. Students recognize and apply vocabulary in Pinyin and Chinese characters in the context of common themes. In addition to learning the language, students get a glimpse of Chinese culture, history, tradition, and society.	S1 | S2 | YEAR
9, 10, 11, 12	World Languages	Mandarin Chinese 2 ◉ In Mandarin Chinese II, students develop their communication skills through listening, reading, speaking, and writing in the target language. The course presents modern Standard Chinese, Mandarin, as the spoken language, and simplified characters as the written language. Students recognize and apply vocabulary in Pinyin and Chinese characters in the context of common scenarios. Students will practice handwriting Chinese characters in complete sentences. Students explore Chinese traditions, language, and society.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	Media Writing ◉ Media Writing is designed for students who are interested in careers in broadcast journalism, communications, or media. In this course, students explore the basics of media writing in addition to careers in print, online, and broadcast media. Students investigate the numerous styles of writing for a number of applications, including newspapers, magazines, audio broadcasts, video broadcasts, and the Internet. In addition, students practice researching, locating, and using sources that are reliable and valid.	SEM
9, 10, 11, 12	Social Studies	Pennsylvania History ◉ In Pennsylvania History, students explore the geography, history, culture, and government of Pennsylvania. They examine Pennsylvania's role in the founding of the United States, the Civil War, and the Industrial Revolution, and they study the state's significance in modern times.	SEM

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L S L-Synchronous

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	English Language Arts	Poetry ◉ Poetry is a course for students who are interested in learning more about different types of poetry and writing their own poetry. In Poetry, students explore the elements of a poem, including theme, poetic devices, rhyme, meter, and word choice. Students evaluate different poetic structures and draft and create their own poems in these structures. In this course, students use evidence to support analysis, conduct research, and write research papers.	SEM
9, 10, 11, 12	Social Studies	Political Science ◉ Political Science is an introduction to political science as an academic discipline. Students discover the origin, creation, and function of different political systems within the United States and across the globe. Students explore political theories, such as systems theory and the social contract theory. Additionally, students examine economic concepts, how countries interact with one another, international governmental organizations and non-governmental organizations, and the role of media in politics while developing skills in research methodology.	SEM
9, 10, 11, 12	Mathematics	Pre-Algebra ◉ In Pre-Algebra, students explore concepts such as integers, expressions, equations, and fractions. This course provides students with a solid foundation for Algebra I and emphasizes the use of technology, problem solving, critical thinking, and reasoning.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Probability and Statistics ◉ Students enrolled in Probability and Statistics build a strong foundation in calculating probabilities and evaluating statistics. The Probability and Statistics curriculum is designed to cover a half year of instruction but can be completed at each student's own pace. Students enrolled in the course explore the representation of statistical data, work with scatter plots, and analyze statistical data using properties and theorems, and more.	S1 | S2
9, 10, 11, 12	English Language Arts	Short Stories ◉ Short Stories exposes students to the basic characteristics, writing style, and literary elements of a story. From characters, point of view, and setting to techniques such as suspense and irony, students learn how short stories provide readers with the opportunity to experience different story lines in a precise and defined format. Students become acquainted with the compact nature of the short story literary form and each author's ability to weave exciting, interesting narratives in such short, tight spaces. Students learn the importance of being concise, recognizing that good literature does not necessarily have to be lengthy in order to be captivating.	SEM
9, 10, 11, 12	World Languages	Spanish 3 ◉ In Spanish III, students will acquire a more extensive topical vocabulary while gaining a higher understanding of complex grammatical structures, verb applications, and idiomatic expressions. Students will increase their reading and listening comprehension as well as their fluency in speaking and writing in Spanish. Students will describe, analyze, summarize, and explain ideas verbally and through writing, using the Spanish language.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	Technical Writing ◉ Written-communication skills and professional documentation are central to the Technical Writing course. This course enables students to analyze a variety of real-world documents and allows them to perfect their technical writing abilities. Students encounter numerous types of technical writing, including journal writing, email drafting, persuasive writing, memo creation, letter drafting, and marketing and advertising, allowing them to build upon their own technical writing skills and knowledge. Students are also given an assortment of project-based assignments throughout the course.	S1 | S2

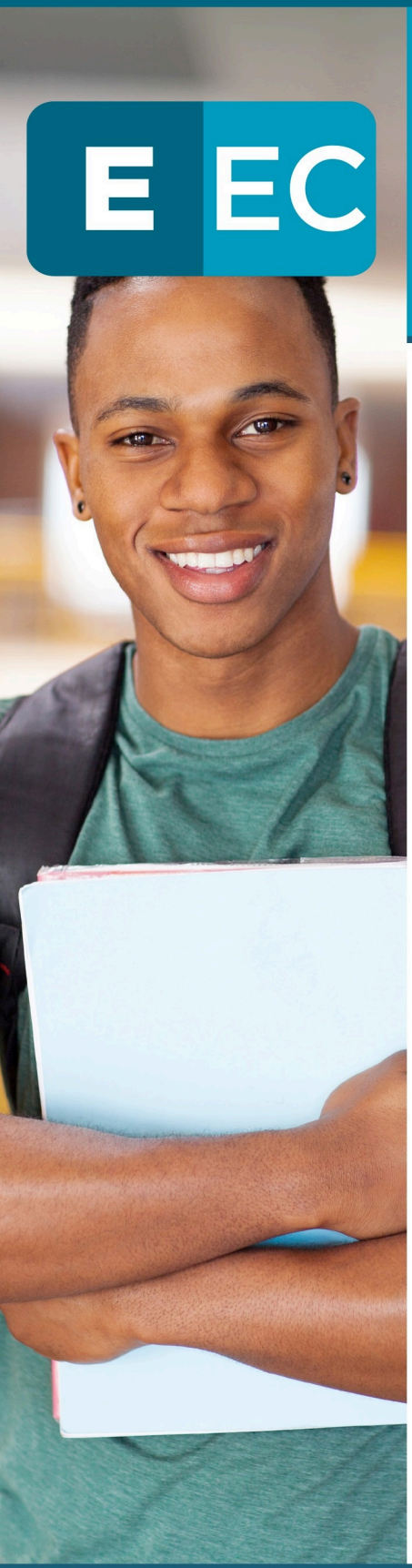
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L S L-Synchronous

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	Trigonometry ◉ Trigonometry is offered for students who want to continue a rigorous study of mathematics. The course begins by reviewing the real number system, characteristics of functions, and solving equations. Topics from right-triangle trigonometry lead to an in-depth study of the unit circle and trigonometric functions, their graphs, and their inverses. In their study of analytic trigonometry, students verify identities and solve trigonometric equations. The course covers the Law of Cosines, the Law of Sines, and vectors. It closes with a complete study of conics, parametric equations, and polar curves. Before enrolling in this course, students should have completed Algebra II and Geometry.	S1 | S2
9, 10, 11, 12	Social Studies	World Cultures ◉ World Cultures explains global geography, history, and culture to students. In this course, students study the major political powers of each era and discover how the world's earliest civilizations developed through the Age of Exploration to the Industrial Revolution. In the second half of the course, students examine a world at war, navigating the Great War, nationalist movements in Russia and Asia, World War II, the Cold War, Third World independence, and struggles for democracy. The course closes with discussions of current global issues such as terrorism, technology, economy, pollution, and renewable energy.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	World Literature ◉ In World Literature, students explore a wide variety of literary styles, artists, and mediums from cultures and societies around the globe. Students analyze different forms of writing, including fiction and nonfiction, and they evaluate how authors from different areas, religious backgrounds, genders, and cultures use the written word to express thoughts and opinions and tell poignant stories.	S1 | S2

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E-Career & Electives Catalog

Career Exploration Through Flexible, Future-Ready Learning

The E-Electives & College and Career Ready catalog offers more than 250 middle and high school CTE and elective courses aligned to 14 national career clusters. Courses support career exploration, STEAM, coding, summer school, enrichment, after-school programs, and differentiated learning.

Flexible course designs can be customized with additional lessons, videos, activities, and documents. Lessons may include objectives, instructional content, critical-thinking questions, labs, activities, flashcards, quizzes, discussions, and audio versions of the lesson.

Teacher resources include suggested answers, project-based learning guides, and blended-learning strategies. Most courses require only internet access and a browser, although some advanced technical courses may require higher-performance devices.

E EC E-Career & Electives

Certification Courses & Pathways

Courses	Pathways
Early Childhood Education 1	Child Development Associate (CDA)
Microsoft Excel	Microsoft Office Specialist: Excel Associate
Microsoft Outlook	Microsoft Office Specialist: Outlook Associate
Microsoft PowerPoint	Microsoft Office Specialist: PowerPoint Associate
Microsoft Word	Microsoft Office Specialist: Word Associate

✚ **Certification Course**

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Arts	Middle School 2D Studio Art ◉ Middle School 2D Studio Art develops skills in drawing, painting, printmaking, and design. Students study the elements and principles of art, experiment with line, value, color, and composition, examine artists and art history, and create and critique a portfolio of original work.	SEM
6, 7, 8	Arts	Middle School Animation ◉ Across the decades, there have been many legendary animated characters, but now is the time for YOU to breathe life into the next great animation! In this course, you will explore the history of animation to understand it's evolution. You'll also learn the essentials of character development, color theory and design, and the principles of animation while applying your unique animation style to your own animated character. All of your hard work will culminate in your artist's portfolio so you can show off your hard work. Let's create a new life!	SEM
6, 7, 8	CTE	Middle School Career Exploration ◉ Middle School Career Exploration helps students connect their interests and strengths to future careers. Students survey major career clusters, examine education and training pathways, practice goal setting and workplace skills, and build a personal plan for high school and beyond.	SEM
6, 7, 8	Computer Science	Middle School Coding 1 ◉ Do you find yourself wondering how your favorite apps, websites, and games were made? Maybe you want to try building your own. Well, now you can! In Middle School Coding 1a, you will get an introduction to the basics of computer science, HTML, CSS, JavaScript, and Python. You'll leave the course with a portfolio of work you can show off.	SEM

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E EC E-Career & Electives

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	English Language Arts	Middle School Critical Thinking 1 ◉ Middle school students develop critical thinking skills through logic, reasoning, problem-solving, and analytical thinking exercises.	SEM
6, 7, 8	Arts	Middle School Digital Art and Design ◉ The world is filled with so many different forms of art – including digital art. In this course, you'll explore this special genre of art found in everything from advertising to animation to photography and beyond. Additionally, you'll tap into your creative side to create digital art and make it come alive!	SEM
6, 7, 8	CTE	Middle School Exploring Business ◉ Are you interested in business, leading people, or making decisions to help a business be successful? While there are many different career choices in the field of business, in this course, you'll discover options such as management, human resources, business operations, information management, and accounting. Explore the skills you'll need, common tasks, the technology used, and characteristics of various business careers.	SEM
6, 7, 8	Science	Middle School Exploring Health Science ◉ Middle School Exploring Health Science introduces students to the people, careers, and science behind modern healthcare. Students survey body systems, medical terminology, infection control, and patient care basics while exploring roles from nursing and emergency response to laboratory and therapy professions. Hands-on scenarios help students see how health workers use science every day.	SEM
6, 7, 8	CTE	Middle School Exploring Information Technology ◉ Middle School Exploring Information Technology introduces how computers, networks, and data power the world around us. Students learn about hardware and operating systems, networking and the internet, troubleshooting basics, cybersecurity habits, and IT career pathways.	SEM
6, 7, 8	Arts	Middle School Exploring Music ◉ Middle School Exploring Music introduces students to how music is made, read, and enjoyed. Students study rhythm, melody, harmony, and form, explore instrument families and world music traditions, listen critically across genres and eras, and try their hand at simple composition.	SEM
6, 7, 8	CTE	Middle School Financial Literacy ◉ "Money makes the world go round," but that's only because we move it through exchanges, transactions, and financial tools. In this course, you will examine how our economy works through decisions about spending and saving, lending and borrowing, and how institutions play a key role in moving money. You will also explore how credit and interest work, investing, and what you can expect to earn over the length of your career. Once all of the pieces are in place, you'll discover how you can begin investing in yourself today so your future is everything you dream it can be. Let's get started!	SEM
6, 7, 8	Health & PE	Middle School Fitness ◉ Middle School Fitness motivates students to build lifelong activity habits. Students learn the components of physical fitness, set and track personal goals, practice safe warm-ups, strength and cardiovascular activities, and study nutrition, hydration, rest, and sportsmanship.	S1 | S2
6, 7, 8	Computer Science	Middle School Game Design 1 ◉ Middle School Game Design 1 introduces students to how games are imagined, built, and tested. Students explore game genres, storyboards, characters, levels, and rules, then use beginner-friendly tools to build and refine playable projects while learning the basics of logic and programming.	SEM

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E EC E-Career & Electives

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Health & PE	Middle School Health ◉ Middle School Health explores each of the health dimensions, including physical health, social health, emotional health, and intellectual health. Students learn about healthy eating habits, safe exercise routines, and ways to prevent disease. They also study how to improve their emotional and intellectual well-being, including methods for boosting their self-confidence and enhancing their decision-making skills. In addition, students learn to apply refusal skills when faced with peer pressure while maintaining healthy relationships. By the end of the course, students will have the tools necessary to improve all areas of health in order to achieve total wellness and make healthier lifestyles choices.	S1 | S2
6, 7, 8	CTE	Middle School Journalism ◉ Middle School Journalism teaches students how news is reported, written, and shared. Students learn interviewing, note taking, and source evaluation, practice writing news, feature, and opinion pieces, explore photojournalism and layout, and discuss the ethics and responsibilities of a free press.	SEM
6, 7, 8	Arts	Middle School Photography 1 ◉ Middle School Photography 1 introduces the art and technique of making photographs. Students learn camera basics such as exposure, focus, and lighting, study composition and visual storytelling, practice editing, and explore the history and ethics of photography.	SEM
6, 7, 8	Computer Science	Middle School Robotics 1 ◉ Middle School Robotics 1 introduces the mechanics, electronics, and programming behind robots. Students learn about sensors, motors, and control systems, follow the engineering design process, and program simple robotic behaviors to solve challenges.	SEM
6, 7, 8	Science	Middle School STEM: Tools for the Future ◉ Middle School STEM: Tools for the Future introduces the tools, habits, and thinking used across science, technology, engineering, and math. Students practice the engineering design process, take measurements and analyze data, build simple prototypes, and explore how innovation solves community problems.	SEM
6, 7, 8	Computer Science	Middle School Tech Apps: Grade 6 ◉ Middle School Tech Apps: Grade 6 builds the digital skills students need across every class. Students practice keyboarding, word processing, spreadsheets, and presentations, learn to research and cite responsibly, and study digital citizenship, online safety, and file management.	SEM

◉ **A-G approved**

E EC E-Career & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Arts	3D Modeling 1 ◉ Heart valves, cars, cartoons, and buildings may not seem to have much in common, but they all share one spectacular attribute: all originated as a 3D model. 3D modeling has changed the way the world makes things, and in this course, you'll learn the basics to begin creating in 3D! You'll learn how different 3D models are built and how to practice using a variety of modeling methods. By the end of the course, you'll walk away with a portfolio of your ingenious modeling ideas. 3D modeling is an essential part of the modern world and soon, you'll be able to contribute yourself!	SEM
9, 10, 11, 12	CTE	Accounting ◉ Accounting is more than numbers and spreadsheets; it's about unlocking the secrets of financial success and understanding how to drive a company forward. The individual who understands business finances holds sway in the organization. From decoding financial statements to mastering corporate ethics, real-world scenarios expose you to accounting principles and provide opportunities to apply your knowledge. Whether you're exploring if accounting aligns with your career aspirations or you dream of becoming an entrepreneur and want to gain a deeper understanding of managing the "books", this course will empower you to navigate accounting and make excellent decisions.	SEM
9, 10, 11, 12	CTE	Advanced Networking 1 ◉ The world has never been more connected than it is today and through advancing network technologies, tomorrow will be even more tightly united. In this course, you will learn about a variety of different networks, their layers, and the different needs they address. You'll uncover best practices for setting up secure remote access connections, techniques to troubleshoot and think strategically, and correct documentation. Lastly, you'll learn tips to successfully communicate in the workplace. Get ready to support tomorrow's connectedness today!	SEM
9, 10, 11, 12	CTE	Advertising and Sales Promotion 1 ◉ Throughout the Advertising course, students discover the various ways that advertisements touch their lives. This course presents a comprehensive introduction to the field of advertising, which includes its purpose and the theory behind it. In this course, students learn to identify target markets, distinguish different types of business, and interpret the information they gather to create a winning advertising plan. Students investigate the needs and wants of both the consumers to whom they are advertising and the companies for which they are creating the advertisement. Lessons will cover the basic skills and knowledge required to work in the advertising world and will guide students through the creation of a complete advertising plan. Students in this course are presented with a realistic idea of what a career in advertising entails.	SEM
9, 10, 11, 12	Social Studies	African American History ◉ African American History is a survey course that spans the history of America, including ancient African society and culture through the presidency of Barack Obama. Students examine the African American struggle to secure their constitutional rights. This course explores the powerful and influential role of African Americans in U.S. history.	S1 | S2
9, 10, 11, 12	CTE	Agriscience 1 ◉ This course will prepare students for careers in agriscience. Agriculture is the world's largest industry, so the critical nature of understanding how agriculture must thrive in unpredictable conditions cannot be overstated. Throughout the modules, students will gain an understanding of some of the fundamental issues in agriscience, including safety, environmental factors such as climate change and extreme weather conditions, plant and animal science, and food safety. Additionally, students will explore how they can emerge as leaders in such a complex and exciting industry!	SEM

◉ **A-G approved** ✚ **Certification Course**

E-Career & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Agriscience 2 ◉ In this course, students will explore the various components of agriscience careers and agricultural living. Beginning with career exploration, students will become familiar with the vast array of opportunities that exist in agriscience. They will discover what is necessary for the proper care and management of livestock from keeping living quarters clean to caring for newborn animals. Students will understand the ways in which plants, crops, and vegetation thrive in varying conditions. They will explore the fundamentals of running a successful agriscience operation as well as how agriscience affects and is affected by global economic conditions.	SEM
9, 10, 11, 12	Computer Science	AI In Action 1 ◉ Artificial intelligence is not just the future – it is happening right now, all around us! Imagine having the power to unlock answers to questions instantly, or to create your own tools that make life easier. AI makes accessing information and interacting with modern technology easy and fast. But what exactly is AI? And how can you get the most out of it? In this course, you'll see how AI works and how it can work for you. You will learn the secrets behind AI technologies, push its boundaries, and learn skills that can help you develop your own tool someday. AI is a big wave and it's coming fast. Let's learn how to surf!	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	Allied Health Assistant 1 ◉ Allied health encompasses a broad range of different health care professionals who provide a range of skills in the fields of dentistry, pharmaceutical, medicine, nursing, nutrition, rehabilitation, and more. This course is the second course of the Allied Health concentrator sequence and gives you the needed skills to pursue any of these careers in allied health.	S1 | S2
9, 10, 11, 12	World Languages	American Sign Language 1 ◉ American Sign Language 1 introduces students to the visual language used by Deaf communities across the United States and Canada. Students learn the manual alphabet, numbers, core vocabulary, and basic sentence structure, and begin holding simple conversations about family, school, and daily routines. Students also study Deaf culture, history, and community etiquette.	S1 | S2
9, 10, 11, 12	World Languages	American Sign Language 2 ◉ American Sign Language 2 expands expressive and receptive skills built in the first course. Students broaden vocabulary, use classifiers and spatial referencing, narrate past and future events, ask and answer more complex questions, and refine facial grammar. Continued study of Deaf culture and literature deepens cultural understanding.	S1 | S2
9, 10, 11, 12	World Languages	American Sign Language 3 ◉ American Sign Language 3 develops fluency for extended conversation and narrative. Students sign detailed stories and descriptions, discuss abstract topics and opinions, interpret longer signed passages, and study register, idioms, and regional variation. Coursework also examines Deaf history, advocacy, and career paths involving ASL.	S1 | S2
9, 10, 11, 12	Science	Anatomy and Physiology ◉ The Anatomy and Physiology course allows students to discover the fascinating dynamics of the human body. Students begin by exploring the history of anatomy, essential anatomical terminology, and the hierarchical organization of the human body. Next, students are introduced to basic biochemistry and cellular processes, which includes a virtual tour of the cell. Students also investigate the structure, function, hierarchy, and diseases associated with each organ system. Completion of one full year of high school Biology is required in order to understand the numerous biological concepts presented in this course.	S1 | S2

◉ **A-G approved** ✚ **Certification Course**

E-Career & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Arts	Animation ◉ Have you ever watched a cartoon or played a video game where the animation of characters captivated you so much you wanted to create your own? If so, it's time to immerse yourself in the world of animation. Meet the industry players such as directors, animators, and 3D modelers. Develop your story by exploring design, the 12 principles of animation, creating a storyboard, and leveraging the tools of the trade. Let's bring your story to life with animation!	SEM
9, 10, 11, 12	Social Studies	Anthropology 1 ◉ Anthropology 1 introduces the four fields of anthropology and the tools anthropologists use to study humanity. Students explore human origins and biological variation, the development of language and material culture, and the methods of ethnographic fieldwork, developing an appreciation for how culture shapes behavior.	SEM
9, 10, 11, 12	Social Studies	Anthropology 2 ◉ Anthropology 2 builds on introductory study with a closer look at cultural systems around the world. Students examine kinship and family structures, religion and ritual, economic and political organization, globalization, and the challenges facing indigenous communities, then apply anthropological thinking to a culture of their choosing.	SEM
9, 10, 11, 12	CTE	Applied Engineering 1 ◉ Discover how technology has changed the world around us by pursuing technological solutions to everyday problems. While using scientific and engineering methods, learn how electricity, electronic systems, magnets, and circuits work. Understand the design process and bring your ideas to life. Explore how engineering advances your ideas and the world!	SEM
9, 10, 11, 12	Social Studies	Archaeology ◉ Imagine what it must feel like to uncover an artifact from the past! Archaeology helps us to better understand, through discovery and analysis, how ancient civilizations have shaped the modern world. Explore the techniques, methods, and theories Archaeologists use to conduct their studies to locate and unlock the secrets of a long and colorful past. Let's get exploring!	SEM
9, 10, 11, 12	Social Studies	Art in World Cultures ◉ Art tells a story. Go on a journey of when humans began creating art in prehistoric times to ancient Roman, early Christian, and Medieval periods. Explore the artistic characteristics of the Renaissance, Americas, Baroque, Romantic, and more. Learn the elements and design principles of art, and about some of the greatest artists in the world, while creating your own art, both on paper and digitally. It's time to tell your story through art.	SEM
9, 10, 11, 12	Science	Astronomy 1 ◉ In Astronomy, students begin by discussing basic astronomical concepts and discoveries throughout history. They take an in-depth look at the first moments of the universe by studying the Big Bang. From there, they investigate the evolution of the universe, beginning with the first atoms and moving on to explore elements, stars, solar systems, and galaxies. Students gather information to determine if there is a possibility of life on other planets and in other solar systems. Students analyze the major space missions that have led to the modern study of cosmology, and they explore the possibilities of where this field may take scientists in the future.	S1 | S2

◉ **A-G approved** ✚ **Certification Course**

E EC E-Career & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Biotechnician 1 ◉ There are so many mysteries that need unraveling in the world today that can help us grow better crops, cure diseases, combat pollution, solve crimes, and so much more. If you love the idea of solving problems to make the world a better place, a career as a biotechnician may be for you. In this course, you'll learn the basics of lab safety, how to perform tasks crucial to experimentation, biological basics, and about the exciting careers available in the field of biotechnology. Not all heroes wear capes. Some wear lab coats. Grab yours and let's get started!	SEM
9, 10, 11, 12	CTE	Biotechnician 2 ◉ There are so many mysteries that need unraveling in the world today that can help us grow better crops, cure diseases, combat pollution, solve crimes, and so much more. If you love the idea of solving problems to make the world a better place, a career as a biotechnician may be for you. In this course, you'll learn the basics of lab safety, how to perform tasks crucial to experimentation, biological basics, and about the exciting careers available in the field of biotechnology. Not all heroes wear capes. Some wear lab coats. Grab yours and let's get started!	SEM
9, 10, 11, 12	CTE	Biotechnology 1 ◉ Dig deeper into the world of biotechnology! Learn how and why biotechnology is so important to the agricultural, pharmaceutical, and genetic fields of study. You'll learn about mapping the human genome, the role of antibiotics, how medicine is created to combat diseases, and the future of the biotechnology field. It's time to explore the depth and breadth of this fascinating field!	SEM
9, 10, 11, 12	Social Studies	Black History in America 1 ◉ By examining the stories of brave men and women who persevered, built community and contributed to our nation's goals,sometimes amid great persecution,we can all learn how to pave a brighter future. Learn about the incredible history of Black people who have left a mark on the fabric of the United States to the ways the country has wrestled with its past to understand slavery, emancipation, and the fight for civil rights in our nation.	S1 | S2
9, 10, 11, 12	English Language Arts	Business Communications 1 ◉ Are you ready to become a master communicator in the business world? Honing your business communication skills,from speaking, to writing, and listening,is the foundation for building your professional expertise. In this course, you'll learn how businesses use technology and different forms of media to their advantage. You'll also learn important written communication, public speaking, and presentation skills. These real-world skills will prepare you for success in any future career!	SEM
9, 10, 11, 12	CTE	Business Information Management 1 ◉ Now that you have the basics of business down from the previous course, it's time to become better acquainted with the application of information management in business. Learn about professional conduct, teamwork, and managerial skills, while also examining careers in business technology. The basics of word processing, spreadsheets, databases, and presentation software are also explored so that you become better prepared for jobs in this field.	SEM
9, 10, 11, 12	CTE	Business Law 1 ◉ Whether you plan to start your own business, work for an organization, or go into law, it's essential to understand more complex legal requirements that impact business operations and decisions. This is especially true as companies grow and expand domestically and internationally. Explore the differences between criminal and civil law. Examine how state and federal regulations work to protect consumer and employees' rights, protect society and the environment, and understand how business contracts can work to protect everyone.	SEM

◉ **A-G approved** ✚ **Certification Course**

E EC E-Career & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Business Ownership 1 ◉ Do you dream of a future where you can have creative freedom, working in an industry you love, where you can get up every morning excited about the day will bring? In this course, you'll learn the skills you'll need in order to take your dream and transform it into a successful business. You'll explore foundations like generating ideas to qualifying opportunities, analyzing the market, and identifying skills for successful deployment. You'll learn to keep your business rolling and growing through effective workplace leadership and training while incorporating technological innovations to keep your business competitive. Are you ready to turn your dreams into reality? Let's get goaling!	SEM
9, 10, 11, 12	CTE	Careers in Criminal Justice 1 ◉ Have you ever thought about a career as a police officer, an FBI or DEA agent, or any occupation that seeks to pursue justice for all? Careers in criminal justice can be found at local, county, state, and federal levels, and even in the private sector. Explore some of the various occupations in this field, while simultaneously learning how they interact with each other and other first responders. Discover various interviewing techniques to uncover the truth. Understand the importance of making ethical decisions, and how you need to keep your sense of right and wrong in check to be successful in this field.	SEM
9, 10, 11, 12	CTE	Child Development 1 ◉ If you're considering a career in education, medicine, psychology, or areas that involve toddlers to teens, you'll need to know how they grow and develop. In this course, you will learn about the ages from womb through adolescence and the teen years. You'll explore essential topics like nature vs. nurture, developmental theories and stages, nutrition, safety precautions, family planning, and more! Let's get started learning!	SEM
9, 10, 11, 12	Computer Science	Coding 1 ◉ Learning to code is like learning a clandestine language, and now is your chance to get in on the secret! In this course, you will learn about the building blocks of coding. You'll explore how real-world problems can be broken into algorithms described through coding and then use the approachable and versatile coding language of Python to generate the output you're looking for. You'll cover both procedural and object-oriented programming and even create two text-based adventure games along the way. Are you ready to get in on the secret?	SEM
9, 10, 11, 12	CTE	Computer Maintenance 1 ◉ Computers are soldered into all aspects of our daily life, and when they stop working, it can seem like our network has collapsed. If you are fascinated by the inner workings of computers and how to keep them running, then a career in computer maintenance may be for you! In this course, you'll learn how computers are set up starting with the software and operating systems and what to do when hardware and software issues are encountered. You'll learn different types of data communication, various power supply units, essential components like motherboards and memory and much more! Grab your personal expansion card, and let's hardwire some new knowledge about computer maintenance.	SEM
9, 10, 11, 12	CTE	Computing for College and Careers 1 ◉ Technology has made an impact on nearly all facets of our lives, and it will continue to make an impact on yours as you make your way into college and career! In this course, you are going to pull back the veil on what goes into some of the technology we use every day. You will investigate computer hardware and software and learn what goes into building a computer while exploring programs and applications, you'll study the history of the internet and how to use its capabilities even more effectively, and you'll also dive deep into email and some of today's most powerful processing tools. Get ready to really know the technology you have at your fingertips so you can continue to make it work for you!	SEM

◉ **A-G approved** ✚ **Certification Course**

E EC E-Career & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Concepts of Engineering and Technology ◉ Learn how the momentum of science is continually propelling engineers in new directions towards a future full of insight and opportunity. Explore the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. By examining astounding engineering feats and complex ongoing issues, you'll begin to question whether the word impossible really exists.	SEM
9, 10, 11, 12	CTE	Cosmetology 1 ◉ We all want to look our best, but did you know there is actually a science behind cutting your hair and painting your nails? Just like all careers, cosmetology requires certain skills and characteristics. You will learn about various beauty regimes related to hair, nails, skin, and spa treatments, and discover how to create your own business model quickly and efficiently while still looking fabulous, of course!	SEM
9, 10, 11, 12	CTE	Cosmetology 2 ◉ This vibrant industry needs skilled and personable professionals well-versed in the latest trends and technological advances. Explore what the day-to-day life of a cosmetologist is like, and discover that cosmetology is much more than knowing and applying techniques. Learn skin care and facials, how to give manicures and pedicures, how to apply artificial nails, and gain an understanding of different hair removal techniques. Discover the next steps towards launching a rewarding and creative career in cosmetology.	SEM
9, 10, 11, 12	CTE	Cosmetology 3 ◉ Let's delve into the realm of hairstyling and cutting techniques! Explore a variety of wigs, extensions, and hairpieces, while also developing knowledge about shampooing and conditioning. Discover manual curling and the use of chemicals to curl and straighten hair, as well as safety when working with chemicals. Expect to be well versed with a plethora of hair skills upon completion.	SEM
9, 10, 11, 12	English Language Arts	Creative Writing ◉ Creative Writing is a course in which students discover, analyze, and apply the methods and styles used in various forms of fiction, creative nonfiction, drama, and poetry. It emphasizes experimentation and practice, and it encourages students to take cues from published writers and poets. Students express themselves while learning various genres and their respective writing rules. Students also explore related topics, including word choice, diction, form, editing, idea generation, and other skills useful in nonfiction writing. Students do a great deal of writing in this course.	SEM
9, 10, 11, 12	CTE	Criminology ◉ Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. The mental state of a criminal can be affected by many different aspects of life: psychological, biological, sociological, all of which have different perspectives and influences. Investigate not only how these variables affect the criminal mind but also how crimes are investigated and handled in the criminal justice system.	SEM
9, 10, 11, 12	CTE	Culinary Arts 1 ◉ Thinking of a career in the food service industry or looking to develop your culinary skills? Explore basic cooking and knife skills while preparing you for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts.	SEM

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Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Culinary Arts 2 ◉ Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, you'll build a strong foundation and grow your knowledge of this exciting industry. Explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. Enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company.	SEM
9, 10, 11, 12	Computer Science	Cybersecurity 1 ◉ Cybersecurity 1 introduces students to the tools and habits that keep information safe. Students study network and operating-system fundamentals, common attack types such as phishing, malware, and social engineering, encryption and authentication basics, and the ethics and laws that govern security work. Hands-on activities build practical defensive skills.	SEM
9, 10, 11, 12	CTE	Dental Assistant 1 ◉ Dental Assistant 1a: Introduction Are you a compassionate person who genuinely cares about helping others be healthy? Learn how becoming a Dental Assistant can offer you a rewarding career as well as job security. Start with learning the different roles within a dentist's office, organizations to get involved with, and basic head, neck, and dental anatomy. Learn what it takes to embark on a career sure to provide personal and professional fulfillment.	SEM
9, 10, 11, 12	CTE	Dental Assistant 2 ◉ Dental Assistant 2 builds on introductory training with more advanced clinical and administrative skills. Students study dental radiography, restorative and specialty procedures, dental materials, pharmacology and emergency response, and practice management, preparing them for externship experiences and entry-level employment in a dental practice.	SEM
9, 10, 11, 12	CTE	Digital Design 1 ◉ Digital Design 1a: Introduction Are you an artistic person drawn to the idea of creating graphic elements? Then a career in digital design may be for you! In this course, you will learn the basic principles of design, the tools needed to succeed in the industry and how to design objects for specific purposes and audiences. You'll also learn how to market yourself and open your own design business all while building a portfolio. Let's align your skills and dreams today for a career in digital design!	SEM
9, 10, 11, 12	CTE	Digital Marketing ◉ Digital marketing is where creativity meets strategy, and innovation is the name of game. Explore how to captivate audiences in the digital landscape. From mastering social media platforms to crafting compelling content that leaves a lasting impression and evaluating the successes (and failures) of innovative brands, students learn the secrets behind building a powerful online presence. Analyzing the consumer and their journey, students learn the power of storytelling and how to pull their promotional strategy into a multi-channel campaign.	SEM
9, 10, 11, 12	CTE	Digital Marketing 1 ◉ How do your favorite brands become famous online? Learn how companies connect with an audience by exploring the details behind social media campaigns and mastering the art of content creation. Get hands-on with positioning, promoting, and building communities while learning about the behind the scenes of planning and data analytics. With videos, real-life examples, and case studies, you will see what works (what does not) in digital marketing. Plus, you gain insight into the different careers in this exciting marketing field. Get ready to discover the power of digital marketing!	SEM

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9, 10, 11, 12	CTE	Digital Media Fundamentals 1 ◉ Digital Media Fundamentals 1b: Producing for the Web Let's polish your digital media skills and help you learn all about web design. Incorporate your creative ideas into websites and discover the basics of marketing to understand how your work can be used effectively. You'll also explore the world of podcasts and audio editing to construct a solid foundation from which you can pursue a career in this exciting field.	SEM
9, 10, 11, 12	Computer Science	Digital Media Web Design 2 ◉ Digital Media Web Design 2a: Build a Portfolio Website Did you know that you are consuming digital media every time you open an app or use your computer or tablet? Digital media may be a webpage, video, image, podcast, form, or more. Explore how you can develop webpages that embed different media and interactivity for excellent user experience through programming languages such as HTML and CSS. Examine trends and opportunities, education requirements, student organizations, and industry certification options. It's your turn to start designing websites and experiences for digital media consumers.	SEM
9, 10, 11, 12	Arts	Digital Photography 1 ◉ Have you wondered how professional photographers manage to capture that perfect image? Gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular shots! Learn how to display your work for exhibitions and develop skills important for a career as a photographer.	SEM
9, 10, 11, 12	Arts	Digital Photography 2 ◉ We are surrounded by images; in advertisements, on websites, in magazines, and on billboards. Learn how to effectively critique photographs so you can better understand composition and go on to create more eye-catching photographs on your own. Examine various aspects of the photography field including specialty areas, ethics, and famous photographers throughout history.	SEM
9, 10, 11, 12	CTE	Early Childhood Education 1 ◉ ✚ The Early Childhood Education course is designed to provide an overview of the expectations and roles of the early childhood educator. The course provides details about childhood development, health, nutrition, and guidance strategies to help students understand the exciting and unique opportunities that a career in early childhood education can offer. The course is intended to prepare students for challenges they may face, but to emphasize the rewards of being able to influence the life of a young child. The ability to offer support to children as they learn, and grow is a point that is highlighted throughout each lesson.	FLEX | YEAR
9, 10, 11, 12	CTE	EKG Technician 1 ◉ EKG Technician 1b: Analysis and Response Does the thought of becoming an EKG Technician still make your heart skip a beat? Continue your journey through the peaks and valleys of EKG waves and really dig into the details of the cardiac code to fulfill your ultimate goal: saving lives! This course will prepare you to interpret different EKG waves, how to spot wave abnormalities, how to differentiate between different disorders, and how to treat those disorders. Let's get ready to continue your adventure into the world of cardiology and a possible career as a EKG Technician!	SEM
9, 10, 11, 12	CTE	Emergency Medical Responder 1 ◉ Emergency Medical Responder 1a: Introduction Have you ever wondered what happens after making a 911 call? Get a realistic look into the day-to-day, fast-paced life of an EMR and how their roles and responsibilities fit into the larger picture with Emergency Medical Services. Discover how to conduct a patient assessment when you arrive on a scene and assess and treat various medical emergencies. If you've ever dreamt of being on the front lines, providing quality care to save someone's life, then explore the exciting career as an Emergency Medical Responder.	SEM

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9, 10, 11, 12	CTE	Entrepreneurship 1 ◉ Entrepreneurship 1b: Make Your Idea a Reality You have the business idea; now it's time to go from dream to reality. Throughout this course, you'll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you'll create a viable document you can use to help you start your business by the end of the course. Let's bring your dream to life!	SEM
9, 10, 11, 12	Social Studies	Ethnic Studies ◉ Students examine the histories, cultures, and experiences of various ethnic groups in the United States.	SEM
9, 10, 11, 12	Social Studies	Ethnic Studies 1 ◉ Ethnic Studies 1 introduces the histories, cultures, and contributions of the many communities that make up the United States. Students examine identity, immigration and migration, resistance and civil rights movements, and questions of representation, using primary sources and personal narratives to understand both shared and distinct experiences.	SEM
9, 10, 11, 12	Arts	Fashion Design ◉ Fashion Design is an advanced course for students interested in learning the intricate process of how the fashion system works. Students will study the fashion business in sequential order from concept to consumer. They will examine all of the processes involved in the industry from producing raw materials, apparel, and accessories to the retail stores that sell fashion merchandise to the public. Students learn that the decision-making process is complex and not just about the latest designers, styles, or trends of an era. In this course, students will explore the history of fashion, including the looks and creations at every era. They will discover the equipment, tools, and fabrics used to create fashion, and they will learn how technology is used in fashion. Students have an opportunity to express themselves and their style through the creation of their own fashion design sketches and mood boards. Students will learn fashion terminology and how to forecast new and upcoming fashion trends.	SEM
9, 10, 11, 12	CTE	Food Safety: Practices & Procedures ◉ Do you dream of working in the food industry, dazzling guests' tastebuds with delectable dishes? Before you can deliver on your dreams, you first must know how to keep guests safe. In this course, you'll learn the ins and outs of the food industry, food preparation safety, and keeping workspaces and surfaces clean to prevent food borne illness. You'll explore understanding and preventing pathogens from spreading to food and setting up a food service facility to maintain compliance. You'll also learn about the wide variety of job options and titles within the food industry. Let's get ready to learn the important safety measures that lead to your culinary dreams!	SEM

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Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	Forensic Science 1 ◉ Students enrolled in Forensic Science will develop a better understanding of the reality of forensic science, which is often contradicted by the fictional forensic science portrayed in entertainment. Students begin by exploring the history and background of forensic science. They discover several forensic science disciplines, such as pathology, anthropology, toxicology, serology, entomology, and odontology. Students learn and use proper lab practices, which ensure the integrity of any collected organic and inorganic evidence. Students investigate chromatography, spectroscopy, and microscopy techniques. They also explore and survey the impact of DNA analysis and questioned document analysis on forensic science. This course teaches the proper handling of impression evidence, such as shoe print, foot, tire, lip print, firearm, and fingerprint impressions while students examine the analysis of trace evidence, including hair and glass. The course concludes with an exploration into the ways in which forensic science is interconnected with the legal system, as well as what the future holds for forensic science. It includes numerous hands-on labs, including measuring a hypothetical time of death, extracting their own DNA, and analyzing their own fingerprint impressions. Forensic Science is ideal for high school students who are interested in forensic science, biology, law, and/or criminalistics. Students must possess basic spreadsheet, word processing, and presentation software knowledge as a prerequisite. Completion of one full year of high school Biology is required in order to evaluate the numerous biological concepts present in this course. In addition, students must be mature, independent learners and comfortable learning new technology.	SEM
9, 10, 11, 12	Science	Forensic Science 2 ◉ Forensic Science 2 builds on introductory coursework with deeper laboratory and casework practice. Students analyze bloodstain patterns, ballistics and tool marks, arson and explosives evidence, digital and questioned-document evidence, and forensic entomology and toxicology findings. Case studies, mock crime scenes, and courtroom testimony exercises teach students how evidence is preserved, interpreted, and presented within the legal system.	SEM
9, 10, 11, 12	CTE	Forensics 1 ◉ Students enrolled in Forensic Science will develop a better understanding of the reality of forensic science, which is often contradicted by the fictional forensic science portrayed in entertainment. Students begin by exploring the history and background of forensic science. They discover several forensic science disciplines, such as pathology, anthropology, toxicology, serology, entomology, and odontology. Students learn and use proper lab practices, which ensure the integrity of any collected organic and inorganic evidence. Students investigate chromatography, spectroscopy, and microscopy techniques. They also explore and survey the impact of DNA analysis and questioned document analysis on forensic science. This course teaches the proper handling of impression evidence, such as shoe print, foot, tire, lip print, firearm, and fingerprint impressions while students examine the analysis of trace evidence, including hair and glass. The course concludes with an exploration into the ways in which forensic science is interconnected with the legal system, as well as what the future holds for forensic science. It includes numerous hands-on labs, including measuring a hypothetical time of death, extracting their own DNA, and analyzing their own fingerprint impressions. Forensic Science is ideal for high school students who are interested in forensic science, biology, law, and/or criminalistics. Students must possess basic spreadsheet, word processing, and presentation software knowledge as a prerequisite. Completion of one full year of high school Biology is required in order to evaluate the numerous	SEM
9, 10, 11, 12	CTE	Forestry and Natural Resources ◉ Thriving forests are an essential part of the health of the planet, from our wildlife's ecosystem to providing humans with clean air to lumber and paper products. But forests cannot protect themselves and depend greatly on humans for conservation. Learn more about this meaningful relationship and how environmental policy, land use, water resources, and wildlife management all factor into current forestry issues. Forestry offers diverse professional opportunities, and for those concerned about the environment, it is a great choice.	SEM

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Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Computer Science	Foundations of Game Design 1 ◉ Now that you have the basics of game design down, let's use your creativity to develop a game from start to finish! Develop your game creation skills and practice with the tools professionals use to launch your career options in the field of game design. The content of this course also applies to certification exams.	SEM
9, 10, 11, 12	Computer Science	Game Design 2 ◉ Are you ready to enter this multi-billion-dollar industry and start applying your technical skills into a compelling package that will catch the eye of an employer? Beginning with conceptualization and the design process, you'll develop your game's story elements, narrative, plot, characters, and assets. Using game design software, you'll bring your game to life by applying lighting, audio, visual effects, player choice options, AI, and consider the type of controls to use for your game. Build a world players can get immersed in.	SEM
9, 10, 11, 12	Computer Science	Game Design for Chromebooks 1 ◉ Are you ready to take your passion for game design and turn it into a real-life prototype? In this course, you'll learn the fundamentals of game design including scripting in JavaScript, game mechanics, audio editing, storytelling, and game world development. And the best part? You'll apply these skills to build an arcade-style galactic adventure game using PlayCanvas!	SEM
9, 10, 11, 12	English Language Arts	Gothic Literature ◉ It was a dark and stormy night, and the vampires, ghouls, and undead were on the prowl… Gothic Literature is riddled with the spooky, but did you know that this genre is so much more than a scary form of entertainment? In Gothic Literature, you'll learn about how some of the world's greatest authors from the 19th century through today used Gothic elements to tackle issues that needed serious attention: the class system, gender norms, racism, social injustice, and more! Grab your monster gear and explore why Gothic literature has retained its appeal even with today's audiences.	SEM
9, 10, 11, 12	Science	Great Minds in Science ◉ Does life exist on other planets? Will the issue of global warming ever be solved? Today, scientists, explorers, and writers are working to answer such questions. Like such famous minds from history as Edison, Einstein, Curie, and Newton, today's scientists are finding ways to revolutionize our lives and the world. Explore the extraordinary work of past individuals and how their ideas may very well shape the world of tomorrow.	SEM
9, 10, 11, 12	Health & PE	Health 1 ◉ What does it mean to be healthy? In the simplest terms, it means taking care of our body and mind. Explore the connections between your physical, mental, and social health. Learn how to promote better health by decreasing stress and finding a fuller vision for your life through lifestyle choices, interactions with others, healthcare, and making sensible dietary choices. Build your plan to ensure your overall health, happiness, and well-being!	S1 | S2
9, 10, 11, 12	Health & PE	Health and Physical Education 1 ◉ This course concentrates on the principles of being healthy and focuses on physical development, mental and emotional stress, relationships, substance awareness, social disease awareness, and personal safety. Students develop critical life management skills necessary to make sound decisions and take positive actions for healthy and effective living.	S1 | S2

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9, 10, 11, 12	Health & PE	**Health Science 1: The Whole Individual** ◉ Finding effective solutions to different health problems is one of our greatest challenges. How close are we to finding a cure for cancer? What's the best way to treat diabetes and asthma? You'll be introduced to disciplines such as toxicology, clinical medicine, and biotechnology. Understanding the value of diagnostics and research can lead to better identification and treatment of many diseases, and by learning all the pertinent information and terminology you can discover how this amazing field will contribute to the betterment of human life in our future.	S1 | S2
9, 10, 11, 12	Health & PE	**Health Science 2: Patient Care and Medical Services** ◉ Explore the roles health care professionals play in treating patients. Promoting wellness, communicating with patients, and understanding safety in the workplace are just a few of the essential skills you will learn, all the while becoming familiar with some of the more prominent areas in the field, such as emergency care, nursing, infection control, and pediatrics. You'll learn about some of the inherent challenges faced by this age-old profession and how you can become a significant part of the solution.	S1 | S2
9, 10, 11, 12	Health & PE	**Health Science Foundations** ◉ Health science careers are not only in high demand, but they offer a diverse range of careers for all types of people interested in helping others. Acquire foundational knowledge required to pursue a career in the healthcare industry, and the education, training, and credentials needed to attain them. Learn basic medical terminology, principles of anatomy and physiology, and legal and ethical responsibilities. Explore communication, teamwork, and leadership techniques – providing a solid basis for those wanting to advance through the health sciences.	S1 | S2
9, 10, 11, 12	Health & PE	**Health Science Theory 1** ◉ You've built a solid foundation of knowledge of the healthcare field, and now it's time to probe deeper into the healthcare profession. In this course, you'll review key aspects of the broad category of safety as well as learn how to assess and treat patients for an array of injuries. You'll learn how to identify emergencies, trauma and complex care, and the basics of CPR and life support. Lastly, you'll explore the importance of collaborating with other team members to manage and resolve conflicts.	S1 | S2
9, 10, 11, 12	Health & PE	**Health Science: Nursing** ◉ The demand for nurses has never been higher! Learn what it takes to become a nurse, pursue a career, and understand the practice of nursing and the healthcare system. With a strong focus on patient care, you'll explore safety, communication and ethics, relationship building, and how to develop wellness strategies for your patients. From emergency to rehabilitative care, to advances and challenges in the healthcare industry, discover how you can launch a fulfilling career providing care to others.	S1 | S2
9, 10, 11, 12	Health & PE	**Health Science: Public Health** ◉ What is public health? Who decides which diseases get funding and which do not? What are the reasons for health inequality? Study both infectious and non-communicable diseases as well as learn how we conquer these on a community and global level through various methods, including proper hygiene, sanitation, and nutrition. Explore the role of worldwide current and future technologies and the ethics and governance of health on a global scale, and discover unique career opportunities you can pursue to make a difference.	S1 | S2
9, 10, 11, 12	Social Studies	**History of the Holocaust** ◉ For the dead and the living, we must bear witness. Discover the harrowing details of the history of the rise of anti-Semitism that contributed to the start of the Holocaust and the power of the Nazi party. Learn of the persecution of European Jews and other groups, and the tremendous aftermath for everyone involved in World War II, and what has been done since to combat genocide.	SEM

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9, 10, 11, 12	CTE	Hospitality and Tourism 1 ◉ Where is your dream travel destination? Now imagine working there! You'll be introduced to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around leisure and travel, spotting trends, and planning events are just a few of the key aspects you will explore within this exciting field.	SEM
9, 10, 11, 12	CTE	Hospitality and Tourism 2 ◉ Are you a people person? Then hospitality may be the field for you! Learn about what makes the hotel and restaurant industries unique. Learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Evaluate the environment for these businesses by examining their customers and their competition. Discover trends and technology that makes each industry exciting and innovative.	SEM
9, 10, 11, 12	CTE	Hotel Management 1 ◉ Creating unforgettable memories through luxury and meticulous care is a service that the best hotels can offer. In this course, you will learn about the business of hospitality and the different types of hotel ownership and programs. You'll explore the essential functions of a hotel from bookings, management systems, front and back of house operations, technologies, and more. You'll also discover what it takes to keep guests happy and run a sustainable program.	SEM
9, 10, 11, 12	CTE	Human and Social Services 1 ◉ Those working in the field of social services are dedicated to strengthening the economic and social well-being of others and helping them lead safe and independent lives. Explore the process of helping, body, mind, and family wellness, and how you can become a caring social service professional. If you are interested in an emotionally fulfilling and rewarding career and making a difference in the lives of others, social and human services may be the right field for you.	SEM
9, 10, 11, 12	Social Studies	Human Geography ◉ Modern humans have been roaming the Earth for about 200,000 years. How do the places we live influence the way we live? How do geography, weather, and location relate to our customs, beliefs, and lifestyles? Learn how diverse people have physically influenced the world around them and how they, in turn, are changed by their surroundings. Let's explore the important relationship between humans and their environments.	S1 | S2
9, 10, 11, 12	CTE	Human Growth and Development 1 ◉ From babies in the womb to toddlers to adolescents, human growth and development is fascinating. In this course, you'll take a deep dive into the physical, cognitive, social, and emotional growth across a child's lifespan. You'll learn about key milestones, apply theoretical frameworks that give insight into ourselves, health and safety for ages and stages, strategies to optimize growth and development, and more!	SEM
9, 10, 11, 12	CTE	Human Resource Management 1 ◉ Are you ready to step into a critical leadership role that oversees the development of every successful business' most valuable resource? In this course, you will wear the shoes of a Human Resource Management (HRM) professional and will learn how to build and manage a team to help a company reach its goals. You will also explore and perform some of the key responsibilities of a HRM professional: research, interviewing, reporting, recruiting, hiring, assessing employees, and more!	SEM

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9, 10, 11, 12	CTE	Interior Design ◉ Do you have a flair for designing and decorating? If so, then let's learn how to turn your interests and skills into a career. Explore color, texture, trends, and styles over time, how homes are built, and green options for homes and businesses. Interior designers do it all,from planning the color scheme to choosing furniture and light fixtures,with the end goal of creating a space where people can live or work comfortably, safely, and happily.	SEM
9, 10, 11, 12	CTE	International Business ◉ International business has transformed in recent decades, with companies like Google, Uber, Nike, and Amazon expanding globally. Increased interconnectivity, advanced technology, and support for international trade have opened the doors for businesses, big and small, to join the world economy. Going global involves more than just setting up shop abroad. This course explores crucial aspects of global success: interacting with different countries and cultures, overcoming language barriers, understanding business laws, handling risks of political and economic changes, and managing global supply chains.	SEM
9, 10, 11, 12	CTE	Introduction to Networking 1 ◉ What would happen if we didn't have the internet? The internet is one example of a network, so you can only imagine why networking careers are essential. Start exploring the fundamentals of networking, learning about the different parts of a computer and hardware, network operating systems, and understanding how common network devices can be connected. You'll get hands-on to explore different types of cables used to create networks – and even make cables in Wired Networking activities.	SEM
9, 10, 11, 12	Computer Science	Introduction to Programming 1 ◉ Have you ever wondered how your favorite software is created? Explore the software development life cycle from start to finish while developing your own programming skills with Python. Explore the power of data and algorithms along with their influence on the world. Launch yourself into the endless possibilities a career as a programmer can bring you!	SEM
9, 10, 11, 12	English Language Arts	Journalism 1 ◉ Does your curiosity lead you to the heart of the matter? Channel this curiosity into developing strong writing, critical thinking, and research skills to perform interviews and write influential pieces, such as articles and blog posts. Learn about the evolution of journalism and its ethics, bias, and career directions to forge your path in this field.	SEM
9, 10, 11, 12	CTE	Law and Order ◉ Law and Order introduces students to the American legal system and the professionals who work within it. Students explore the sources of law, the difference between civil and criminal cases, constitutional rights and due process, courtroom roles and procedure, and corrections and juvenile justice. Case studies and mock trial activities put legal reasoning into practice.	SEM
9, 10, 11, 12	Computer Science	Learning in a Digital World ◉ We use technology to communicate with friends and family, find never-ending entertainment options and do our schoolwork. Discover what it means to be a responsible digital citizen, expand your digital literacy, and become a successful online student. Consider the best ways to find, create, and share information, learn to maximize information and communication technologies, and explore digital content creation, from emails and blogs to social media, videos, and podcasts.	SEM

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9, 10, 11, 12	CTE	Legal Admin Specialist 1 ◉ Wherever your legal admin career takes you, understanding the responsibilities of a law office requires strict attention to detail, communication skills, office competence, and legal savvy. What does a legal admin need to know and what duties do they perform? How do confidentiality, cybersecurity, and client relations look different in a legal office? Learn the answers to these questions and so much more for this exciting career with endless opportunities to prove your value, learn, and grow.	SEM
9, 10, 11, 12	Health & PE	Life Skills ◉ Life Skills provides students with important information that will help them to lead independent and successful lives as adults. In this course, students focus on topics including personal finance, nutrition, and personal development. The useful skills students gain in this course will help them to become responsible and proactive young adults.	SEM
9, 10, 11, 12	CTE	Management 1 ◉ From the shift managers at small businesses to the CEOs of large companies, effective management is key to any organization's success. Explore foundational management concepts such as leadership, managing teams, entrepreneurship, global business, finance, and technology and innovation. Engage in a capstone that pulls all of the concepts you've learned together, allowing you to see how management ideas can be applied to a business case study. Get started with learning the fundamentals of successful management.	SEM
9, 10, 11, 12	CTE	Manufacturing 1 ◉ Do you ever look at your man-made surroundings and find yourself fascinated at how it was created? Modern manufacturing is the answer. In this course, you will learn the big picture of manufacturing- categories, how companies decide what to produce, and how companies produce it- and making items in the most cost-effective way. You will also study the history of manufacturing technologies, so you can see the future possibilities for manufacturing more clearly as you start to do activities where you'll learn how your ideas can become a reality. Get ready to unveil how modern manufacturing creates the world we live in.	SEM
9, 10, 11, 12	Science	Marine Science 1 ◉ Have you ever wondered about the secrets of the deep and the creatures below the ocean's surface? It is truly a new frontier of discovery. Begin to better understand the aquatic cycles, structures, and processes that generate and sustain life in the sea. You'll use scientific inquiry, research, and problem-solving to conduct various scientific procedures and become a more capable marine scientist.	SEM
9, 10, 11, 12	CTE	Marketing 2 ◉ Can you think of a brand that first launched in the U.S. and then became popular in other countries? Facebook™ did this very thing! Without a solid understanding of business and international marketing strategy, it becomes nearly impossible to be successful and stand out from the crowd. Discover how business and marketing works around the world. You'll learn about topics such as regulations, market research, marketing plans, global trends, buying and selling internationally, and more.	SEM
9, 10, 11, 12	CTE	Marketing Foundations 1 ◉ Explore the fast-paced and exciting world of marketing! Learn about the role of marketing in business in addition to the basics of business management, customer service, and economics. Examine how to identify target markets, perform market research, and develop successful marketing strategies. Discover the legal and ethical considerations of business and marketing, along with the impact of government on business.	SEM

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Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Medical Assistant 1 ◉ It takes a strong team to offer top-notch patient care, and each team member plays in integral role. Are you a team player interested in coordinating patient care? Then a career as a medical assistant may be right for you! In this course, you will acquire medical terminology, investigate anatomy and physiology, learn keys to professionalism in an office setting, and explore office roles while building a professional portfolio. Let's learn what it takes to fill the important shoes of a medical assistant today!	SEM
9, 10, 11, 12	CTE	Medical Diagnostic Technology 1 ◉ Have you ever wondered how a health professional knows how to diagnose an illness? Or what medications to prescribe to a patient depending on the person's body and their signs and symptoms? Learn about different diagnostic technology used and essential body systems and fluids that need to be understood to make an accurate diagnosis of a disease, condition, or illness. This career field is flourishing, and now is the time to be part of it!	SEM
9, 10, 11, 12	CTE	Medical Lab Assisting 1 ◉ Getting to the root of medical issues and uncovering ailments is the core of the medical field. Are you drawn to the idea of being part of a team who helps identify diseases and health-related issues? Then the role of a medical lab assistant may be for you! In this course, you will learn what it takes to become a skilled medical lab assistant including understanding medical ethics, communicating with patients, performing blood draws and managing specimens, lab safety, and potential career paths! Grab your lab coat and latex gloves, and let's draw some new knowledge to help others!	SEM
9, 10, 11, 12	CTE	Medical Lab Assisting 2 ◉ Medical Lab Assisting 2 extends foundational training into more advanced laboratory practice. Students study hematology, urinalysis, microbiology, and chemistry testing procedures, quality control and instrument maintenance, specimen processing and documentation, and the regulations that govern clinical laboratories.	SEM
9, 10, 11, 12	CTE	Medical Office Administration 1 ◉ Caring for a patient takes more than a medical degree: it takes a team! In this course, you will build your knowledge of medical terminology, medical office processes, the technology that keeps an office humming, and the laws that keep it operating ethically. You'll also explore different office roles all while building the beginnings of a portfolio. Let's march through the waiting room and throw open the doors to a career as a Medical Office Admin today!	SEM
9, 10, 11, 12	CTE	Medical Terminology 1 ◉ Discover the medical terminology associated with even more body systems to increase your ability to master prefixes, suffixes, and roots. Connect this language to real-world patients and clinical settings through practical applications and specific scenarios. Launch your health knowledge with detailed medical terms.	SEM

◉ **A-G approved** ✚ **Certification Course**

E EC E-Career & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Microsoft Access ◉ Microsoft Access turns scattered spreadsheets into an organized, reliable database. In this course, students learn what a relational database is and why businesses depend on one, then build their own from the ground up: designing tables and fields, setting data types and validation rules, and linking records with relationships that keep information consistent. Students write queries to pull answers out of large data sets, design forms that make data entry fast and error-free, and generate reports that turn raw records into something a manager can actually read. Along the way they practice sorting, filtering, calculated fields, and basic automation, and they learn how to secure and back up a database. A capstone project asks students to plan and build a working database for a real-world scenario, giving them a portfolio piece and a skill set that transfers to marketing, sales, healthcare, logistics, and any other field where data has to stay organized.	SEM
9, 10, 11, 12	CTE	Microsoft Excel ◉ ✚ This course introduces students to the world of Microsoft Excel. Students will get an insight into the use of the product within the business setting. Over 8 modules, students will learn everything from absolute basics like navigating Microsoft Excel to performing complex tasks like formulas and functions. This course prepares students for the Microsoft Office Associate: Microsoft Excel Certification.	FLEX | YEAR
9, 10, 11, 12	CTE	Microsoft Outlook ◉ ✚ In this course, students will navigate Microsoft Outlook, which is the preferred email client for sending and receiving emails from the Microsoft Exchange Server. Outlook includes access to contact, email, calendar, and task management tools. Microsoft Outlook is a component of Office 365 and the Microsoft Office suite, including Microsoft Excel and PowerPoint. From fundamental processes like adding an account to more complex tasks such as customizing features to better accommodate specific needs, students will explore all that Microsoft Outlook can do.	FLEX | YEAR
9, 10, 11, 12	CTE	Microsoft PowerPoint ◉ ✚ This course introduces students to Microsoft PowerPoint. Students will gain critical skills in this essential presentation software, which will benefit them in their education and professional futures! Students start by learning fundamentals like slide creation and navigation, and progress to more complex tasks like 3DModels, Animations, and Transitions. This course prepares students for the Microsoft Office Associate Microsoft PowerPoint Certification.	FLEX | YEAR
9, 10, 11, 12	CTE	Microsoft Word ◉ ✚ This course introduces students to Microsoft Word. Students will gain insights into the features and capabilities of this essential software within personal, educational, and business settings. Over 11 modules, students progress from absolute basics like navigation to performing complex tasks like graphic elements and collaboration. This course prepares students for the Microsoft Office Associate Microsoft Word Certification.	FLEX | YEAR
9, 10, 11, 12	CTE	Military Careers ◉ Do you really understand how the military works or what it can do for you? The military offers far more career diversity than most people imagine. You will learn about the five military branches – Air Force, Army, Coast Guard, Marines Corps, and Navy – and examine which jobs you might like to pursue. From aviation to medicine, to law enforcement, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment.	SEM

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High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Arts	Music Appreciation ◉ Music Appreciation stimulates personal growth when listening to music by exposing the student to a large variety of music with provided listening maps indicating applicable music terminology. Students will be able to explain personal music preference and identify how music is impacted by technology, social values, and daily life of the composers. Students develop an understanding of composer's intent and the ability to rationalize personal interpretation of music works. Similarities and contrasts in music throughout the eras are identified as well as how previous compositions impact future compositions. This course is well suited for advanced upper-level secondary students who plan to focus on music during their post-secondary studies.	SEM
9, 10, 11, 12	English Language Arts	Mythology and Folklore ◉ Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years and helped humans make sense of the world. Explore how these compelling tales continue to shape society even today.	SEM
9, 10, 11, 12	Social Studies	National Security ◉ Do you know what it takes to keep an entire nation safe? It not only requires knowledge of how to handle disasters, but it also demands a cool head and tremendous leadership abilities. Learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats. Discover the requirements of our nation's most demanding career.	SEM
9, 10, 11, 12	CTE	Network Security Fundamentals 1 ◉ Have you seen news headlines about cyber data breaches or hacks? With so many businesses working hard to ensure that their data and their customers' information stay safe and secure, it's no wonder that careers in cybersecurity are in high demand. Learn what information security is, hackers, viruses, spyware, network systems, identifying potential vulnerabilities, protecting against attacks, and creating a disaster and response plan if breaches do occur. Could you be the security specialist that stops the next cyberattack?	SEM
9, 10, 11, 12	CTE	Nursing Assistant 1 ◉ If you ever wanted a career that is centered around the care of others and that directly impacts the most vulnerable populations, then it's time to explore what it means to be a Nursing Assistant. This role can be the first step on your nursing career ladder or into other healthcare positions. Learn career options, ethical and legal responsibilities, anatomy and physiology, patient care, and safety. Discover what it takes to start your journey into this highly needed field.	SEM
9, 10, 11, 12	Health & PE	Nutrition and Wellness ◉ To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight to how you age to how well you think. You'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.	S1 | S2 | YEAR

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E EC E-Career & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Office Administration 1 ◉ Businesses worldwide and across every industry are always on the lookout for highly skilled administrative professionals to help their business be successful and thrive. Explore what it means to have effective verbal and written communication, speaking, and listening skills to work with diverse people and teams. Then dive into learning how to leverage various technology and software businesses use to stay connected and productive.	SEM
9, 10, 11, 12	Computer Science	Operational Cybersecurity 1 ◉ Even when we use the strongest bricks, Firewalls can be breached and other security measures can be exploited by malicious cyberattackers. In this course, you will assume your role as Chief Information Security Officer (CICO) responsible for a data network's design, maintenance, and end-user training. You will explore essentials of keeping networks safe and secure through the use of cryptology, keys, and certificates before moving into the important practice of risk assessment. In the end, your attention will shift to mitigating and managing identified risks and working with key stakeholders to improve the organization's security posture and disaster response.	SEM
9, 10, 11, 12	CTE	Pathophysiology 1 ◉ It takes the mind of a detective to uncover the cause of disease, and this is where your investigative brain and desire to heal people comes in! In this course, you'll build foundational knowledge needed to understand disease in all forms along with signs, symptoms, and prevention. You'll learn how medical professionals arrive at the right diagnosis that leads to proper treatment and a successful outcome. You'll also sharpen your sleuthing skills learning how to collect and work with data, develop and test hypotheses, and design a study, and you'll even research potential STEM careers! Grab your detective hat and get ready to explore the tiny world of pathogens.	SEM
9, 10, 11, 12	Health & PE	Peer Counseling ◉ We all know money is essential in life, and the financial decisions you make today may have a lasting effect on your future. Explore how to spend and save your money wisely, and learn key financial concepts around taxes, credit, and money management. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable.	SEM
9, 10, 11, 12	CTE	Personal and Family Finance ◉ Students explore money management for individuals and families, covering budgeting, credit, saving, insurance, and consumer decision making.	SEM
9, 10, 11, 12	Health & PE	Personal Fitness ◉ This course concentrates on the principles of being fit and includes subjects such as evaluating fitness, flexibility, anatomy and physiology of body systems as they relate to being fit (oxygen transport, heart health, muscle fibers, etc.), nutrition, hydration, and designing a personal fitness program. Students acquire knowledge of physical fitness concepts, understand the influence of lifestyle on health and fitness, and begin to develop an optimal level of fitness.	S1 | S2
9, 10, 11, 12	Social Studies	Personal Psychology 1 ◉ Get ready to delve into some of life's biggest questions and begin the journey to uncovering those answers for yourself! In this course, you'll explore the broad scope of psychology from biology's impact on our psychological makeup to society's impact on who we become. You'll look closely at the changing and sometimes conflicting thoughts of researchers and scientists and how the field of psychology has changed. You'll also explore clinical psychology and how people find treatment. Let's begin the journey to discovery today!	SEM

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High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Social Studies	Personal Psychology 2 ◉ Personal Psychology 2 continues the exploration of the mind with a focus on how psychology applies to daily life. Students study memory, motivation, emotion, personality theories, stress and coping, social influence, and psychological disorders and their treatment, reflecting on how these ideas shape their own choices and relationships.	SEM
9, 10, 11, 12	CTE	Pharmacology 1 ◉ When implemented with care, medicine can cure illnesses and even save lives, but when distributed incorrectly, therapeutics can cause great harm. In this course, you will delve deeper into the study of medicine and treatments available to patients. You will learn about available medications for specific diseases, the way therapeutics work in the body, different drug classifications, the law behind administering drugs, and what a Pharmacy career can look like. Are you ready to continue injecting your brain with essential knowledge for a career in the medical field? Let's continue your journey of care.	SEM
9, 10, 11, 12	Social Studies	Philosophy ◉ Have you ever thought about 'deep' questions like "Who am I?" "What do I really know about the world?" If so, you're not alone. Philosophers are some of the most brilliant and influential thinkers, some of whom have influenced many of our fundamental ideas in Western civilization, such as government, law, and society. Learn about famous philosophers and explore some of the same questions these great thinkers pondered.	SEM
9, 10, 11, 12	CTE	Principles of Agriculture, Food and Natural Resources ◉ Did you know that the world's population could be 11 billion people by 2050? With a growing population, how do we keep everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Gain a stronger sense of how we can maximize the foods and natural resources the earth provides. Learn more about agriculture's history, animal husbandry, plant science, and natural resources, and you'll be better prepared for your part in sustaining the world.	SEM
9, 10, 11, 12	CTE	Principles of Business, Marketing and Finance ◉ Discover the fundamental knowledge that will help you pursue a career in business, as well as always generating interest and buzz around the products and services offered. Explore different types of businesses and ownership forms, the impact of governments on business, and the marketing of goods and services. Learn about globalization, free trade, and various economic systems, as well as the impact of technology on business, business ethics, and social responsibility.	SEM
9, 10, 11, 12	CTE	Principles of Information Technology 1 ◉ Ready to develop your understanding and proficiency in computers? Explore a range of concepts to gain the foundational knowledge you'll need to start exploring careers in this field to find out which ones suit your interests and abilities. Learn about computer hardware and maintenance to data management and storage options to network systems, administration, and troubleshooting. Then dive into word processing, spreadsheets, and databases to cement your knowledge of information technology!	SEM
9, 10, 11, 12	CTE	Principles of Public Service ◉ Public service is a field that focuses on building a safe and healthy world, and you'll explore the many different career choices that are imperative to our comfort and success as a society. The protection of society is not only one of our greatest challenges, but it also provides ways for people to work together to ensure safety and provide indispensable services. If you have ever contemplated being one of these real-life heroes, now is the time to learn more!	SEM

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E EC E-Career & Electives

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Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Professional Communication ◉ In today's global economy, professional communication is no longer limited to the basics of reading, writing, speaking, and listening. In this course, you will focus on communication in many forms- written, oral, graphic, and technological- in the workplace to enhance career options while learning how to address conflict and communicate with cultural competency. By the end of this course, you'll have the basics you need to be a standout communicator in a professional setting.	SEM
9, 10, 11, 12	CTE	Professional Sales and Promotion 1 ◉ They say money makes the world go round, but sales is what keeps the world spinning. In this course, you'll explore the power of promotion and how to rise to the ranks of an elite sales and promotions rep. You'll dive into what it takes to be a stellar seller, how salespeople work together in teams to meet goals, and how the savviest sales managers employ proven sales methods mixed with technology, tools, and psychological insights to build and operate an efficient sales team. Are you ready to keep the world in motion? Let's uncover the secrets of sales success.	SEM
9, 10, 11, 12	Computer Science	Programming 2 ◉ Congratulations; you're speaking a different language! A programming language that is. But do you want to learn more? Discover the most popular programming languages and what they have to offer the software world. Explore data, algorithms, and objectives and how they are essential to language 'speak'. Learn the software development life cycle and how it can be implemented so you can create projects, such as a prototype for an app you'll code and a working to-do list website.	SEM
9, 10, 11, 12	English Language Arts	Public Speaking 1 ◉ Students build confidence and competence in public speaking through prepared and impromptu speeches.	SEM
9, 10, 11, 12	English Language Arts	Reading and Writing for Purpose ◉ This course develops students' reading comprehension and writing skills through purposeful, real-world applications.	SEM
9, 10, 11, 12	Health & PE	Real World Parenting ◉ Real World Parenting prepares students for the realities and responsibilities of raising children. Students examine child development from infancy through adolescence, nutrition and health, discipline and communication strategies, family budgeting and childcare costs, and the support systems available to parents and caregivers.	SEM
9, 10, 11, 12	Science	Renewable Technologies ◉ Renewable Technologies explores the systems generating the world's clean energy. Students study solar, wind, hydroelectric, geothermal, and biomass technologies, compare them with fossil fuels, examine energy storage and grid distribution, and evaluate the economics, policy, and environmental impact of the energy transition. Career pathways in the growing renewable workforce are highlighted throughout.	SEM
9, 10, 11, 12	CTE	Restaurant Management ◉ Restaurant Management introduces the business behind food service. Students learn front- and back-of-house operations, menu planning and costing, purchasing and inventory control, food safety and sanitation, staffing and customer service, and marketing. Real scenarios help students think like an owner while planning a restaurant concept of their own.	SEM

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E EC E-Career & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Robotics 1 ◉ The robots have invaded… and they're here to make our lives easier. You've learned about the basics of robotics and STEM careers, but now we're going to learn about manipulating the physical world to create desired effects. In this course, you'll learn to manipulate electrical signals to create logic and memory, how to quantify the physical world through variables, and how to have an impact through tools. You'll discover how to choose the best tools and materials, how to create AI, and how to take an idea from initial planning to a completed project. Let's continue the pursuit of a career in robotics so the friendly invasion can thrive!	SEM
9, 10, 11, 12	CTE	Robotics 2 ◉ Are you fascinated with how machines work? Robots are machines, and they are all around us, from helping doctors in surgeries to helping to keep our homes clean. Explore the physics, mechanics, motion, and the engineering design and construction aspects used to develop robots. Learn how models are created through both sketches and software. Discover STEM careers and the education needed to enter this high-demand field.	SEM
9, 10, 11, 12	CTE	Social Media ◉ Social Media examines how platforms shape communication, culture, and business today. Students study the history and mechanics of major platforms, content creation and audience building, algorithms and analytics, digital citizenship and privacy, and the ethical questions raised by online influence and misinformation.	SEM
9, 10, 11, 12	Social Studies	Social Problems 1 ◉ War, crime, poverty, global warming, healthcare, effects of media, and more. Explore some of the biggest challenges facing our world today and what led to these social problems. What effects do they have on our lives and societies? What possible solutions exist for solving them? Discover what measures you can take to tackle these issues head-on and start to develop your plan of action.	SEM
9, 10, 11, 12	Social Studies	Social Problems 2 ◉ Sometimes our world is filled with problems. Explore more of the challenges we face as individuals and as a global society and learn what we can do to reduce the effects of these conflicts and problems. From drug abuse to terrorists to homelessness and obesity, we can better face and solve these problems when we have a deeper understanding of their causes and influences on our lives.	SEM
9, 10, 11, 12	Social Studies	Sociology 1 ◉ Sociology 1 introduces the study of society and the groups within it. Students explore culture, socialization, social structures and institutions, deviance, and inequality by class, race, and gender, and learn how sociologists design research to test their questions about the social world.	SEM
9, 10, 11, 12	Social Studies	Sociology 2 ◉ Have you ever wondered why people act differently from one another or why some people act in more intriguing manners than others? When you view people's behaviors as distinctive and try to figure out why they act the way they do, you are beginning to think like a sociologist! Sociology is the study of human social relationships and how individuals interact with one another in groups. By studying sociology, you'll gain insight into the complexities of our society. If you're interested in understanding the world around you and making a positive difference, studying sociology is for you!	SEM

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E-Career & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Sports and Entertainment Marketing 1 ◉ The bright lights. The roaring crowds. The chants and cheers and applause. If you are drawn to the electricity of large events and the challenge of making events successful, a career in sports and entertainment marketing may be for you! In this course, you will trace the development of these industries, dissect their dual nature, and discover what it takes to pitch, promote, and deliver on these services. You 'll also explore the necessary steps to chart your own career path from among the professional roles that these industries need to operate. Let's get off the sidelines and hop into the primetime of the sporting and entertainment worlds!	SEM
9, 10, 11, 12	Health & PE	Sports Medicine 1 ◉ Sports Medicine provides students with basic knowledge of the history of sports medicine, the anatomy of the body, and the common injuries that occur in sports. In addition, the course discusses techniques used in sports medicine to train and strengthen the body, treatments for injury and disease, and proper nutrition for athletes. As prerequisites, students must possess basic word processing and presentation software skills. Completion of one full year of high school Biology is required in order to evaluate the numerous biological concepts present in this course.	SEM
9, 10, 11, 12	Health & PE	Sports Medicine 2 ◉ Sports Medicine provides students with basic knowledge of the field of sports medicine, including injury prevention, recognition, evaluation, and rehabilitation techniques. Students explore anatomy and physiology related to athletic performance, common sports injuries, and the role of sports medicine professionals.	SEM
9, 10, 11, 12	CTE	Teaching & Education 1 ◉ Teaching can be a highly rewarding profession. Throughout this course, students explore the foundations of education, the responsibilities and roles of teachers, classroom management strategies, lesson planning, and the importance of effective communication with students, parents, and colleagues.	SEM
9, 10, 11, 12	English Language Arts	The Lord of the Rings ◉ The Lord of the Rings is one of the most popular stories in the modern world. In this course, you will study the movie versions of J.R.R. Tolkien's novel and learn about the process of converting literature to film. You will explore fantasy literature as a genre and critique the three Lord of the Rings films.	SEM
9, 10, 11, 12	Arts	Theater, Cinema, and Film Production 1 ◉ Lights, camera, action … take two! Whether you're a performer, critic, or fan, you'll pull back the curtain to dive deeper into the making of movies and theater performances. Explore multiple facets of the production process from both theater and film. Gain insights from industry leaders along the way and learn to think critically about different aspects to develop your unit-by-unit blog. You'll fully understand how high-quality entertainment and art are crafted for the theater and the silver screen.	SEM
9, 10, 11, 12	CTE	Touch Systems Data Entry ◉ Watching a keyboard wizard work their magic over the keys is mesmerizing, and now, you can learn the magic of their movements! In this course, you'll build a solid foundation of typing skills, develop good habits and techniques, and build…	SEM
9, 10, 11, 12	CTE	Veterinary Science ◉ Whether you want to step into the wild side of veterinary medicine or just take care of loveable dogs and cats, explore how to care for domestic, farm, and wild animals, diagnose their common diseases and ailments, and learn about different veterinary treatments. If you have always been drawn to the world of our furry, scaly, and feathered friends, this is the course for you!	SEM

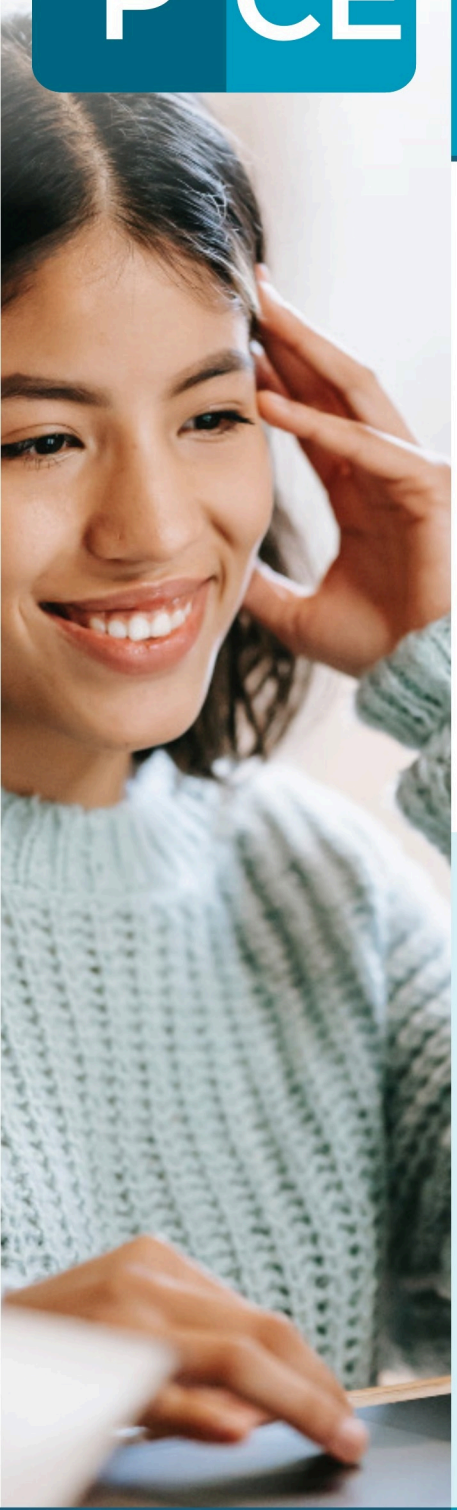
◉ **A-G approved** ✚ **Certification Course**

E-Career & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Computer Science	Web Development 1 ◉ How many times per day do you access the internet, including social media? The web is an important part of our daily lives, so it's no surprise that web development is one of the hottest career fields. Start to explore professional web development, including how to create content for the web. You'll learn about topics such as servers, file organization, HTML, CSS, Javascript, and the development stack that will let you build any website you can dream up.	SEM
9, 10, 11, 12	Computer Science	Web Development 2 ◉ You've already experienced web development on a smaller scale, but now, it's time to kick it up a notch! You'll hit the ground running with the Agile methodology of software development and how it plays into leadership and teamwork amongst developers. You'll also approach web development from a different perspective- your users!- and you'll learn to speak the language of JavaScript to enhance your web development efforts. Your efforts will commence in a professional portfolio that will allow you to experience GitHub to display your work.	SEM
9, 10, 11, 12	Social Studies	Women's Studies ◉ Break down stereotypes and learn about feminism and the women's movement. Learn to critically examine films while learning about the history of the women's movement and how it has shaped contemporary society. Explore the portrayal of women in film and the cultural narratives that have emerged from these portrayals.	SEM
9, 10, 11, 12	CTE	Workplace and Internship Readiness ◉ Starting your first "real" job can be intimidating. But when you know what to expect and learn how to be successful, you'll feel confident about the hiring process and prepared to put yourself out there! Discover how to build a well-rounded set of employability and personal leadership skills that allow you to guide your own career. Learn how to communicate with others, take initiative, set goals, problem-solve, research different career options, and envision your own personal career path.	SEM
9, 10, 11, 12	Social Studies	World Religions ◉ Throughout the ages, religions worldwide have shaped the political, social, and cultural aspects of societies. Explore the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism. Trace the major developments in these religions and examine their relationships with social institutions and culture, as well as the similarities and differences and connections and influences they have.	SEM

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P-CTE and Electives Catalog

Career-Focused Learning Built for Industry Readiness

The P-CTE and Electives catalog offers engaging digital courses for CTE, elective, and STEM programs. Courses combine real-world concepts with interactive content, videos, discussions, activities, projects, reflections, concept checks, exams, and written assignments. Built on research-based approaches such as Understanding by Design, growth mindset, and project-based learning, each course supports student-centered learning and career-specific pathways. Text-to-speech is available throughout the catalog. Certification preparation courses, marked with a +, align directly to industry exam objectives and help students build the job-specific knowledge and skills needed for certification and future careers.

Courses Prepare Students for the Following Exams:

- Adobe Certified Professional in: After Effects, Illustrator, InDesign, Photoshop, Premiere Pro
- Autodesk Certified User in AutoCAD
- OSHA 30 Hour Construction
- FAA Part 107 Remote Pilot Certificate
- Child Development Associate (CDA)
- Entrepreneurship & Small Business Certificate
- Healthcare Management & Information Systems Associate Certificate
- Oracle Certified Associate
- LEED Green Certified Associate
- Microsoft Office Specialist in: Excel, Outlook, PowerPoint, Word
- Cisco Certified Network Associate
- Certified Associate in Project Management
- Intuit QuickBooks Certified User Online
- Social Media Strategist
- Swift Associate

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https://schoolsplp.helpscoutdocs.com

P-CTE & Electives

Certification Courses & Pathways

Courses	Pathways
Adobe After Effects	Adobe Certified Professional in After Effects
Adobe Animate	Adobe Certified Professional in Animate
Adobe Illustrator	Adobe Certified Professional in Illustrator
Adobe InDesign	Adobe Certified Professional in InDesign
Adobe Photoshop	Adobe Certified Professional in Photoshop
Adobe Premiere Pro	Adobe Certified Professional in Premiere Pro
Architectural Design 1	Autodesk Certified User in AutoCAD
Architectural Design 2	Autodesk Certified User in AutoCAD
Building Maintenance Technologies 2	OSHA 30 Hour Construction
Communication Skills for Business	Communication Skills for Business (CSB)
Drones: Remote Pilot	FAA Part 107 Remote Pilot Certificate
Early Childhood Education 1	Child Development Associate (CDA)
Early Childhood Education 2	Child Development Associate (CDA)
Entrepreneurship and Small Business	Entrepreneurship and Small Business Certificate
Intuit Design for Delight	Intuit Design for Delight Innovator
Intuit Personal Finance	Intuit Personal Finance
Java SE8	Oracle Certified Associate
LEED Green Associate	LEED Green Certified Associate
Meta Social Media	Meta Certified Digital Marketing Associate

✚ **Certification Course**

P-CTE & Electives

Certification Courses & Pathways

Courses	Pathways
Microsoft Excel	Microsoft Office Specialist: Excel Associate
Microsoft Excel Expert	Microsoft Office Specialist: Excel Expert
Microsoft Outlook	Microsoft Office Specialist: Outlook Associate
Microsoft PowerPoint	Microsoft Office Specialist: PowerPoint Associate
Microsoft Word	Microsoft Office Specialist: Word Associate
Microsoft Word Expert	Microsoft Office Specialist: Word Expert
Networking	Cisco Certified Network Associate
Project Management	Certified Associate in Project Management
Quickbooks	Intuit QuickBooks Certified User Online
Social Media Business Marketing	Social Media Strategist
Swift App Development	Swift Associate

✚ **Certification Course**

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Adobe After Effects ◉ ✚ This course introduces students to Adobe After Effects and prepares students to obtain the Adobe Certified Professional Certification for Adobe After Effects. Students will get an insight into what it is like working in the visual and graphic design industry. Over 7 modules, students will learn everything from absolute basics like navigating After Effects to performing complex tasks like applying knowledge of video composition and motion graphic principles.	FLEX | YEAR

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Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Adobe Animate ◉ ✚ This course introduces students to Adobe® Animate® and what it's like to work in the animation industry. Through guided tutorials and do-it-yourself projects, students learn the essential skills to become Adobe® Certified Professionals.	FLEX | YEAR
9, 10, 11, 12	CTE	Adobe Illustrator ◉ ✚ This course introduces students to Adobe Illustrator and prepares them to obtain the Adobe Certified Professional Certification for Illustrator. Students will get an insight into what it is like working in the graphic design industry. Students will learn everything from absolute basics like navigating Illustrator to performing complex tasks like managing colors, drawing, creating illustrations, and much more.	FLEX | YEAR
9, 10, 11, 12	CTE	Adobe InDesign ◉ ✚ This course introduces students to the world of Adobe InDesign and prepares them to obtain the Adobe Certified Professional Certification for InDesign. Students will gain insight into what it is like working in the print and digital media publishing industry. Students will learn everything from absolute basics like navigating InDesign to performing complex tasks like creating multi-page documents, applying effects, and even creating original artwork.	FLEX | YEAR
9, 10, 11, 12	CTE	Adobe Photoshop ◉ ✚ This course prepares students to demonstrate expertise in Adobe's Photoshop software and prepares them to obtain the Adobe Certified Professional Certification for Photoshop. Students will learn through engaging and interactive content, projects, and practice exam items aligned to the learning objectives outlined by Adobe's exam specifications. Students will leave this course with career-ready, real-time skills in one of the most popular software programs in the world!	FLEX | YEAR
9, 10, 11, 12	CTE	Adobe Premiere Pro ◉ ✚ This course introduces students to the world of Adobe Premiere Pro. Students will get an insight into the video design and production industry. Over 7 modules, students will progress from absolute basics like navigation to performing complex tasks like editing videos, applying filters and effects, and even creating original artwork. This course also prepares students for the Adobe Certified Professional (ACP) Certification Exam on Premiere Pro.	FLEX | YEAR
9, 10, 11, 12	Science	Aeronautics and Space Travel ◉ This course introduces students to the history and near future of space travel. Students will explore the possibilities of moon bases, Mars colonies, and visiting the outer planets in our solar system and their moons. Students will also discuss important ethical and legal issues around space exploration, such as asteroid mining and war in space. The course gives an expansive view of the technologies, science, and theories that will make far-fetched dreams into realities during the student's lifetime.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Agriscience 3 ◉ This course further delves into agriscience as a core global business. Students will explore fundamental business operations and structures as well as financial considerations. Students will understand the nutritional needs of livestock in order for them to be free from disease and be able to thrive in good health. Plants are heavily dependent on proper fertilization, irrigation, and nutrition to prosper. Thus, students will take a comprehensive look at the systems necessary to produce bountiful crops. The course will be rounded out learning about the tools and techniques needed to run an agriscience business and harvest crops.	S1 | S2 | YEAR

◉ **A-G approved** ✚ **Certification Course**

P-CTE & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Architectural Design 1 ◉ ✚ In this course, students will learn various concepts used in the design and architecture field. They will gain an understanding of basic architectural and civil drawings as well as prepare for the Autodesk Certified User certification in AutoCAD exam. In addition to learning fundamental architectural drawing concepts like creating site plans, floor plans, and electrical plans, students will learn functions of Computer-Aided Drafting (CAD). CAD functions build on the foundation of architectural drawing, using specialized tools for enhancement, layout, and scale.	FLEX | YEAR
9, 10, 11, 12	CTE	Architectural Design 2 ◉ ✚ In Architectural Design II, students will review various concepts used in the design and architecture field. They will learn about additional CAD functions, professional ethics, and legal responsibilities as well as explore career options and complete a comprehensive Architectural Design project.	FLEX | YEAR
9, 10, 11, 12	CTE	Architectural Design 3 ◉ The focus of Architectural Design III is to identify the common sequential processes used in computer-aided drafting (CAD). These processes will provide students with the foundation of creating drawings in CAD software including the use of lines, circles, arcs, text, varied text styles, multi-leaders, dimensions, dimension styles, crosshatching, object property commands, arrays, reference angles, layers, page setup, reusable content, and gradient patterns. Students will also explore concepts of ethics and legal responsibilities.	S1 | S2 | YEAR
9, 10, 11, 12	Computer Science	Augmented and Virtual Reality Applications ◉ Separating hype from reality is hard... especially in the fast-growing and evolving space of augmented and virtual reality (AR/VR). Recent advances in technology has allowed AR/VR systems to become extremely sophisticated and realistic. This course introduces students to the technologies that underpin AR/VR systems. Then the course walks through 5 applications of AR/VR and how they will change and impact numerous aspects of our lives and the economy. Students will also learn about and discuss the risks and side effects of these systems, including health, privacy, and ethical implications.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Building Maintenance Technologies 1 ◉ The Building Maintenance Technology course will focus on all aspects of the construction industry from health and safety to the tools that every construction professional needs in their collection. Students will learn about the various roles in the industry as well as job outlooks, educational and experiential requirements, and salary information. Some activities will focus on career exploration to discover career options that best align with interests and talents.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Building Maintenance Technologies 2 ◉ ✚ The Building Maintenance Technology II course will focus on construction components, masonry skills, and OSHA. Students will learn about the various masonry and concrete skills as well as safety measures. Some activities will focus on the real-world application of learned skills with hands-on components. Students will learn about erecting, plumbing, and bracing in relation to concrete as well as laying masonry units. Finally, students will learn important science skills for the construction industry and prepare for OSHA 30-hour Construction certification exam.	FLEX | YEAR

◉ **A-G approved** ✚ **Certification Course**

P-CTE & Electives

High School

Grade	Subject Area	Course Name	Course Length
6-12	CTE	Career and Financial Management ◉ The Career and Financial Management course prepares students to make decisions regarding their life, career, and financial future. Throughout the course, they will investigate a variety of career pathways and determine how to make decisions that will affect their employment opportunities. Students will identify career readiness skills, and how education opens up opportunities for advancement and growth. Through lessons on leadership, communication, and technology, students will better understand the modern workplace. The second half of the course focuses on money management, and includes critical topics such as budgeting, saving, loans and credit, identity protection, investing, insurance, and taxes.	S1 | S2 | YEAR
6-12	CTE	Career Exploration in Dentistry ◉ This course introduces students to the exciting and varied career opportunities in the dentistry profession, from dental assistant all the way up through oral surgeon. Students will review the history of dentistry globally and in the U.S., and will learn key dental terminology. The course will introduce the roles and tasks done as well as skills and education required of nearly every member of the dental staff.	S1 | S2 | YEAR
6-12	CTE	Career Exploration in Finance ◉ This course introduces students to the challenging and lucrative world of finance. The course reviews key financial terms and examines various groups, positions, and roles within financial institutions. Students will learn about resumes, interviews, and networking. Students will also discuss ethics on Wall Street and the role of finance within society.	S1 | S2 | YEAR
6-12	Health & PE	Career Exploration in Healthcare ◉ This course introduces students to the exciting and varied career opportunities in the health care industry that will be in demand in their future! The course will introduce the roles and tasks, identify education and skills needed, identify responsibilities of roles which support or supervise their role, analyze legal and ethical responsibilities, limitations, and implications for each of these professions.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Cloud Technologies and the Internet of Things ◉ First, we had the internet of computers. Then with the advent of email and social media, along with mobile technology, it became the internet of people. Today's world is increasingly becoming the internet of things. With advances in battery power, sensors, and computer chips, more and more devices are being connected to the internet. This course will examine the trends and opportunities surrounding the Internet of Things.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Communication Skills for Business ◉ ✚ Ready to dive deeper into learning about the Deaf community, culture, and language? Learn about sequencing, transitions, role-shifts, and future tenses. Discover how to tell a story and ask questions, benefiting with greater exposure to deaf culture. Speed, conversations, signing skills, and cultural awareness are characteristics of this course.	FLEX | YEAR
9, 10, 11, 12	CTE	Construction: Fundamentals and Careers ◉ This course introduces students to the evolving industry of construction! In addition to building on standard concepts such as technical skills, project planning, and regulations, students will learn about the variety of career possibilities within construction. They will also explore the entrepreneurial side of construction and discover what it takes to start and run your own business in this field.	S1 | S2 | YEAR

◉ **A-G approved** ✚ **Certification Course**

P-CTE & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Computer Science	Cybersecurity 2 ◉ ✚ Cybersecurity 2 advances into applied defense and response. Students examine network hardening, access control, vulnerability assessment and penetration testing concepts, incident response and digital forensics, cloud and mobile security, and risk management frameworks, while preparing for entry-level industry certification pathways.	YEAR
9, 10, 11, 12	CTE	Drones: Remote Pilot ◉ ✚ This course prepares students to take the Federal Aviation Administration (FAA) Part 107 exam, also know as the Unmanned Aircraft General – Small (UAG) exam, which is essential to becoming a commercial drone pilot. The field of unmanned aerial vehicles is growing rapidly, as the opportunities to use them for search and rescue, photography, recreation, inspection, and many others continue to multiply. Students will learn the critical facts to prepare for the test's topics, which include: regulations, airspace , airspace & requirements, weather, loading , loading & performance, and operations. The course will conclude with a look at the most promising careers in the field of drones	FLEX | YEAR
9, 10, 11, 12	CTE	Early Childhood Education 1 ◉ ✚ The Early Childhood Education course is designed to provide an overview of the expectations and roles of the early childhood educator. The course provides details about childhood development, health, nutrition, and guidance strategies to help students understand the exciting and unique opportunities that a career in early childhood education can offer. The course is intended to prepare students for challenges they may face, but to emphasize the rewards of being able to influence the life of a young child. The ability to offer support to children as they learn, and grow is a point that is highlighted throughout each lesson.	FLEX | YEAR
9, 10, 11, 12	CTE	Early Childhood Education 2 ◉ ✚ The Early Childhood Education II Course is designed to provide an overview of the professional expectations of being an early childhood educator. Throughout the course, students will learn about what it means to be a professional, including the significance of professional development in any educational role. They will review observational methods and the history of education in the United States, with a focus on early childhood and school-age programs. They will spend a significant portion of the course learning about the importance of Developmentally Appropriate Practice (DAP) and how to implement these strategies. Designing physical, social, and temporal environments will also be a major focus of the course, as will developing relationships with families and communities to strengthen their position and knowledge. Additionally, this course will prepare students for the Child Development Associate (CDA) certification exam.	FLEX | YEAR
9, 10, 11, 12	CTE	Education & Teaching Advanced ◉ This course is designed to prepare future educators for the classroom they will inherit! It starts with a history of education and how blended, adaptive, and personalized learning are coming to the forefront in learning. It then explores new and emerging technologies, along with their current and future impact on education. Throughout the course, students will explore a wide range of career possibilities in the education field and evaluate both the promises and pitfalls of technology in education.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Entrepreneurship and Small Business ◉ ✚ This course prepares students for the Entrepreneurship and Small Business Certification exam. This certification has been designed to test concepts around starting and managing a small business. These topics include entrepreneurship, evaluation of opportunities, preparation to start a business, operation of a business, marketing, and management of finances. Students gain insights and understand real-world applications that will not only allow them to succeed in passing the certification exam, but also in successfully starting, working in, or running a small business.	FLEX | YEAR

◉ **A-G approved** ✚ **Certification Course**

P-CTE & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Fundamentals of Bitcoin & Cryptocurrency ◉ Upon completion of this course, students will understand bitcoin, including its history, development, and context within the modern global economy. Students will learn the basic cryptographic principles that underlie bitcoin, and gain confidence by demonstrating strong security principles in storing and transaction bitcoin. Key principles such as mining, wallets, and hashing will be introduced. And finally they will be familiarized with the nascent industry of digital currencies and how they function.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Fundamentals of Blockchain & Cryptography ◉ Blockchain seems to be the latest buzzword that the business world is talking about. But what is it? And why should a high school student care? This course will seek to answer those questions. It will strip away the layers of complexity and sophistication to help students understand the key concepts of the blockchain. The course will introduce and discuss areas where blockchain has the greatest potential.	S1 | S2 | YEAR
9, 10, 11, 12	Health & PE	Healthcare Management & Information Systems ◉ ✚ In this course, students will explore the comprehensive world of healthcare information and management. Throughout the modules, students will learn about the history of the healthcare system as well as the current best practices in the field. They will explore the innovative technologies being developed and applied in patient care and patient privacy. Students will become familiar with the specific terminology utilized within the clinical and information technology systems.	S1 | S2 | YEAR
9, 10, 11, 12	Computer Science	Introduction to Artificial Intelligence ◉ This course teaches what every student should know about Artificial Intelligence. AI is a fast-moving technology with impacts and implications for both our individual lives and society as a whole. In this course, students will get a basic introduction to the building blocks and components of artificial intelligence, learning about concepts like algorithms, machine learning, and neural networks. Students will also explore how AI is already being used, and evaluate problem areas of AI, such as bias. The course also contains a balanced look at AI's impact on existing jobs, as well as its potential to create new and exciting career fields in the future. Students will leave the course with a solid understanding of what AI is, how it works, areas of caution, and what they can do with the technology.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Intuit Design for Delight ◉ ✚ This course teaches students how to create exceptional customer experiences by understanding the relationship between customer problems, solutions, and benefits. It prepares students for industry certification, covering core concepts such as Deep Customer Empathy, the Go Broad to Go Narrow principle, and rapid experimentation.	FLEX | YEAR
9, 10, 11, 12	CTE	Intuit Personal Finance ◉ ✚ This course guides students through the complexities of personal finance, from big-picture topics like goals and risks to the nuances of paystubs, taxes, and credit scores. Students will also prepare for their financial future by learning about loans, banking, and investing.	FLEX | YEAR
9, 10, 11, 12	CTE	Java SE8 ◉ ✚ The Java SE 8 course is designed to provide preparation for the Oracle Certified Associate (OCA) exam. Throughout the course, students will learn about Java from the basics to string builder methods. They will spend a significant portion of the course learning about the basics of Java, data types, operators, arrays, loop constructs, encapsulation, inheritance, exceptions, and API.	FLEX | YEAR

◉ **A-G approved** ✚ **Certification Course**

P-CTE & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	LEED Green Associate ◉ ✚ This course introduces students to the LEED process. LEED, or Leadership in Energy and Environmental Design, is the global standard for green building certification. Throughout the course, students will gain an understanding of the various components of green building. The theme of sustainability and sustainable construction is woven throughout each module both in terms of physical environment and as it pertains to LEED certification. Additionally, this course prepares student for the LEED Green Certified Associate certification exam.	FLEX | YEAR
9, 10, 11, 12	CTE	Meta Social Media ◉ ✚ Introduce students to the marketing field, providing a deep understanding of Meta® technologies and their practical applications. Students learn effective strategies for building a strong online presence and fostering business growth, with an emphasis on compliance. This digital course is ideal for blended or virtual learning.	FLEX | YEAR
9, 10, 11, 12	CTE	Microsoft Excel ◉ ✚ This course introduces students to the world of Microsoft Excel. Students will get an insight into the use of the product within the business setting. Over 8 modules, students will learn everything from absolute basics like navigating Microsoft Excel to performing complex tasks like formulas and functions. This course prepares students for the Microsoft Office Associate: Microsoft Excel Certification.	FLEX | YEAR
9, 10, 11, 12	CTE	Microsoft Excel Expert ◉ ✚ Discover the real-world uses of Microsoft Excel and its impact on business, academic, and personal applications. Move from inserting and manipulating data, to working with tables, charts, graphs, and calculations. Content of this course will also be applicable to the Microsoft Office Suite certification exam.	FLEX | YEAR
9, 10, 11, 12	CTE	Microsoft Outlook ◉ ✚ In this course, students will navigate Microsoft Outlook, which is the preferred email client for sending and receiving emails from the Microsoft Exchange Server. Outlook includes access to contact, email, calendar, and task management tools. Microsoft Outlook is a component of Office 365 and the Microsoft Office suite, including Microsoft Excel and PowerPoint. From fundamental processes like adding an account to more complex tasks such as customizing features to better accommodate specific needs, students will explore all that Microsoft Outlook can do.	FLEX | YEAR
9, 10, 11, 12	CTE	Microsoft PowerPoint ◉ ✚ This course introduces students to Microsoft PowerPoint. Students will gain critical skills in this essential presentation software, which will benefit them in their education and professional futures! Students start by learning fundamentals like slide creation and navigation, and progress to more complex tasks like 3DModels, Animations, and Transitions. This course prepares students for the Microsoft Office Associate Microsoft PowerPoint Certification.	FLEX | YEAR
9, 10, 11, 12	CTE	Microsoft Word ◉ ✚ This course introduces students to Microsoft Word. Students will gain insights into the features and capabilities of this essential software within personal, educational, and business settings. Over 11 modules, students progress from absolute basics like navigation to performing complex tasks like graphic elements and collaboration. This course prepares students for the Microsoft Office Associate Microsoft Word Certification.	FLEX | YEAR

◉ **A-G approved** ✚ **Certification Course**

P-CTE & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Microsoft Word Expert ◉ ✚ Learn to effectively and efficiently use one of the most common tools of business, school, and personal correspondence! Discover how to format and style documents using fonts, colors and editing tools, create tables, use bullets and numbering, and insert images. Skills you learn in this course can be applied immediately and prepares you to take the MOS Word certification exam, and content is applicable to the Microsoft Office Suite certification exam.	FLEX | YEAR
9, 10, 11, 12	CTE	Networking ◉ ✚ The Networking course identifies the key principles of Networking in today's connected world. From network fundamentals and componentry to automation and programming, students learn the details of network access, connectivity, and security essentials. Through engaging interactivities, simulations, and projects, students will explore these networking concepts to further their career potential in this field. This course also prepares students for the Cisco Certified Network Associate (CCNA) certification exam.	YEAR
9, 10, 11, 12	CTE	Project Management ◉ ✚ The Project Management course is intended to identify the key components of a career as a project manager. Students will review the basics in project management terminology, such as designating distinctions among projects, products, programs, and portfolios. They will delve into concepts like managing deliverables and creating engaging relationships with stakeholders. The primary components of project planning will be laid out and described in detail. Students will explore teams and organizational structures. They will discover project management tools and innovation being used in the industry. Overall, they will develop a greater understanding of the mechanisms that are in place to effectively carry out projects of any size through specific project management techniques.	FLEX | YEAR
9, 10, 11, 12	CTE	Quickbooks ◉ ✚ In this course, students will explore how to start using QuickBooks Online. Learning this widely used accounting software will allow users to contribute to a large company's accounting team, or to use it independently as a small business owner. Students will learn how to complete administrative and accounting functions within QuickBooks. These include basics such as setting up lists, customers and products, to more complex tasks like managing journal entries and creating reports. Additionally, they will learn about the various services and products that can be added. As students learn about the accounting functions, they will discover how to record transactions, expenses, and receipts.	YEAR
9, 10, 11, 12	CTE	Smart Cities: Technology and Applications ◉ This course will provide students with an overview of smart cities. The course will begin by providing a foundational explanation of what constitutes a smart city and why they are beginning to pop up around the globe. With a firm understanding of what a smart city is, the majority of the course will focus on various aspects of them such as energy, transportation, data, infrastructure, mobility, and Internet of Things devices.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Social Media Business Marketing ◉ ✚ Whether it's posting pictures, videos, or interacting in the metaverse, today's students who aspire to apply their social media skills to business marketing must be prepared! This course on Social Media Business Marketing provides them with the foundational knowledge of social media technology and marketing principles. The course begins with an introduction to Social Media platforms and then goes in-depth into the marketing and advertising strategies used to support a company's social media strategy and campaigns. Through activities and projects, students will gain firsthand knowledge of this exciting field. This course also prepares students for the Social Media Strategist certification.	FLEX | YEAR

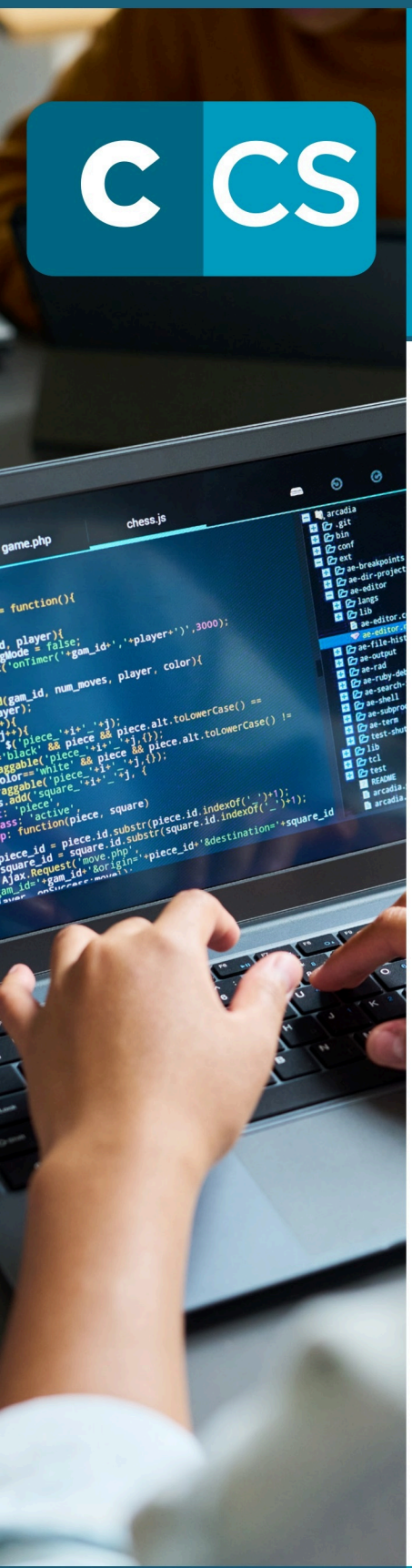
◉ **A-G approved** ✚ **Certification Course**

P-CTE & Electives

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Startups and Innovation ◉ Students hear a lot of contradictory advice in life. On one hand, they may hear something like “Follow your dreams. Pursue your passion and the money will come!” On the other hand, they may hear something completely opposite, like “Most startups fail! It’s much safer to get a safe, steady job.” So which side is right? Given the massive changes to the economy and society, the skills of entrepreneurship are going to be critical in building a lasting career. The entrepreneurial mindset of searching for opportunities, creating value, and solving pain points will always be valuable. And this mindset applies not just to starting a business, but in any organization that someone is a part of: school, established companies, or non-profits. In this course, students will explore how to use this mindset to create the next world-class startup.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Swift App Development ◉ ✚ In this course, students will learn about Swift App development and its components. Apple developed the powerful and user-friendly programming language Swift for creating iOS, Mac, Apple TV, and Apple Watch apps. Developers have more freedom than ever before, and the open-source app allows anyone with an idea to create something incredible. From planning to navigation to building, students will learn how to take an idea and create something potentially evolutionary!	FLEX | YEAR
9, 10, 11, 12	CTE	The History of Gaming and Esports ◉ In this course, students will learn about the technologies and design principles that have been the foundation of the development of video game technology over the last 50 years. Students will examine and discuss the impact of video games on culture and the economy. Students will learn about the current gaming and e-sports landscape, including strategies and techniques of top teams and individuals. This course will also discuss the risks and dangers of video games and understand how to set appropriate time and content parameters. Finally, the course will identify career paths and opportunities for those who are passionate about gaming.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Transportation Technologies ◉ This course introduces students to the newest and most cutting edge futuristic transportation technologies out there. Students gain familiarity with the history of transportation development and understand a framework with which to evaluate new transportation modes. Then the course dives into 10 different technologies on the horizon. Students examine the technologies, the pros and cons of each mode, and explore potential career paths in these emerging fields.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	Wearable Technology Innovations ◉ From hearing aids to pedometers to smart watches, humans have made and worn devices to overcome physical deficiencies, count their steps, and communicate. With the continue miniaturization of chips and sensors, combined with increasing sophistication of artificial intelligence, wearable technology has proliferated into countless end-markets. This course will introduce students to wearable technologies and the components and software that make these technologies possible. The course will also evaluate several applications of wearable technologies in various industries. Finally, the course will examine and discuss the implications of wearable technology, including its pros and cons, and potential implications to our health, privacy, and society.	S1 | S2 | YEAR

◉ **A-G approved** ✚ **Certification Course**



C-Computer Science Catalog

Building Future-Ready Computer Science Skills

The C-Computer Science curriculum catalog offers online computer programming and digital literacy courses for middle school and high school students. Partnering with educators and drawing on real-world experience was central in designing these courses in order to prepare students for the computing jobs of the future.

This curriculum catalog allows schools to offer Java, Python, C#, HTML/CSS, Unity Game Programming, and digital literacy courses to all students. Includes the option to access the text-to-speech toolbar in course assessments.

Courses include video and text lessons, auto-scored quizzes and tests, teacher guides, activity solutions, and more. Teachers will receive fast, technical assistance from subject matter experts including a dedicated support rep for 1:1 mentoring.

Curriculum is aligned to multiple state CTE / IT standards and supports the national K-12 Computer Science Framework and the CSTA K-12 Computer Science Standards.

C CS C-Computer Science

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Computer Science	C# Programming * The C# Programming course teaches core programming concepts using the C# language. It is aligned to Computer Science I and similar standards in many states.	S1 | S2 | YEAR
9, 10, 11, 12	Computer Science	Computer Science Foundations (AP) * Introductory computer science and AP Computer Science Principles students learn core CS concepts and coding in Python. Aligned to the AP CSP exam framework and to similar introductory computer science standards in many states, the course covers algorithms, programming, data, the internet, cybersecurity, and the societal impacts of computing, with hands-on projects and automatically graded assessments.	S1 | S2 | YEAR
6-12	Computer Science	Digital Savvy * Our Digital Savvy course will teach students about computers and the applications that run on them. Students will learn to use Office-style applications, explore social media, create their own simple web pages and build computer programs with digital logic.	S1 | S2 | YEAR
9, 10, 11, 12	Computer Science	Java Programming (AP) * The Java Programming course teaches students all Java skills required on the AP Computer Science A exam. While it can be taken standalone with no pre-requisites, this is one of our most advanced courses, and some degree of technical comfort is recommended.	S1 | S2 | YEAR
6-12	Computer Science	Python Programming * The Python Programming course teaches core programming concepts using the Python language. This one-semester course requires no software installation and is a perfect introduction to coding for a wide age range	SEM
9, 10, 11, 12	Computer Science	Unity Game Programming * Our Unity Game Programming course will immerse students in the Unity game framework, teaching the C# scripting skills and design concepts needed to create their own video games.	S1 | S2 | YEAR
6-12	Computer Science	Web Design * Web Design course teaches students to create their own web pages using HTML5, CSS3, and JavaScript.	S1 | S2 | YEAR

*** Additional fees may apply**



F-Blended Catalog

Flexible Online Learning with Hands-On Assignments

The F-Blended catalog is designed for blended-learning environments that combine online instruction with printable, teacher-graded assignments. It is best suited for teachers who provide direct instruction and can evaluate subject-specific offline work.

Each lesson includes readable content, videos, examples, visuals, a printable assignment, and a computer-graded quiz. Assignments can be completed offline or submitted digitally through written responses, drawings, images, videos, charts, or file uploads.

Semester courses include a midterm in A courses and a final exam in B courses.

Hidden Items (if applicable)
Assignment Answer Keys if present

Default Weights

Weights can be adjusted to teacher's preference.

GRADES 9-12

Pretest	**35%**
Lessons	**50%**
Quizzes	**15%**

F B F-Blended

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Algebra 1** Algebra 1 is a comprehensive, yearlong course that lays the foundational concepts for all future mathematics courses. It covers ten units including the foundations of algebra, linear equations, functions, polynomials, and more complex topics like exponential functions, as well as sequences and series. Students will learn to apply algebra to real-world situations, translating them into algebraic expressions and solving various equations and inequalities. The course emphasizes practical applications and in-depth understanding of algebraic principles, such as graphing linear and quadratic equations, working with functions, and exploring the properties of polynomials and rational expressions.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Algebra 2** Algebra 2 is designed to deepen understanding and proficiency in a range of algebraic concepts, meeting the rigorous requirements of the Common Core State Standards (CCSS). As students embark on this mathematical journey, they will explore complex numbers, quadratic functions, polynomial expressions, and beyond, ensuring a comprehensive grasp of Algebra 2 principles. The course not only emphasizes the mastery of skills but also the application of these skills in solving real-world problems. From crafting and solving equations in various forms to interpreting complex number operations, the course provides a robust foundation in high-level algebra.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	**American Government** This U.S. Government course provides students with an understanding of the foundations and functions of American democracy, exploring the Constitution, Federalist Papers, separation of powers, and the Bill of Rights. The course explores the interactions among the branches of government, including Congress, the Presidency, and the Judiciary, along with the complexities of federalism, public policy, and the role of agencies and commissions. Students will study civil liberties and rights, focusing on key constitutional amendments, landmark Supreme Court cases, and contemporary issues in civil society.	S1 | S2
9, 10, 11, 12	Social Studies	**American History** This course provides a comprehensive overview of United States history from its early beginnings to contemporary issues. Students will explore key events, movements, and figures that have shaped the nation's development, from Indigenous societies and early European exploration to modern-day challenges. Through a combination of readings, discussions, and multimedia resources, students will gain a deeper understanding of the political, social, economic, and cultural forces that have shaped American society.	S1 | S2
9, 10, 11, 12	Social Studies	**Anthropology** This course examines family and kinship, religion, economics, politics, survival of indigenous groups, and Western influences from an anthropological perspective to gain appreciation for cultural and ethnic diversity. Students gain an understanding of the differences and similarities, both biological and cultural, in human populations and recognize the characteristics that define their own culture while gaining an appreciation for the culture of others.	SEM
9, 10, 11, 12	Arts	**Art History** This Art History course will introduce high school students to the fascinating world of art, spanning various periods and cultures. Through the exploration of significant artworks and movements, students will develop an understanding of the evolution of art and its influence on societies throughout history. The course will include interactive discussions, visual analysis, and hands-on activities to engage students in critical thinking and creative expression.	S1 | S2 | YEAR

★ **NCAA** ◉ **A-G approved**

F B F-Blended

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	**Biology** The high school Biology course offers an exploration of life sciences, beginning with an introduction to biology and scientific methodologies, followed by in-depth studies of cell biology, genetics, and heredity. Students will learn about evolutionary biology and natural selection, gaining an understanding of the mechanisms that drive life's diversity and complexity. The course also covers ecology, where students learn about ecosystems, biodiversity, and human impacts on the environment. Human biology and physiology are explored, providing insights into body systems and their functions. The course includes studies of biochemistry, plant biology, microbiology, and the interconnectedness of Earth's systems with biology.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**Business Communications** Students develop professional communication skills including business writing, presentations, workplace etiquette, and digital communication strategies.	SEM
9, 10, 11, 12	Science	**Chemistry** Chemistry gives students a deeper understanding of the world around them as they investigate how chemistry is involved in everyday life. Students explore fundamental chemistry content and concepts, including the metric system, the periodic table, atomic structures, bonding, chemical reactions, and nuclear reactions. They apply their knowledge and science process skills through labs that use common, household objects in order to explore the practicality of chemistry. As a prerequisite to Chemistry, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**Creative Writing** Creative Writing is a course in which students discover, analyze, and apply the methods and styles used in various forms of fiction, creative nonfiction, drama, and poetry. It emphasizes experimentation and practice, and it encourages students to take cues from published writers and poets. Students express themselves while learning various genres and their respective writing rules. Students also explore related topics, including word choice, diction, form, editing, idea generation, and other skills useful in nonfiction writing. Students do a great deal of writing in this course.	SEM
9, 10, 11, 12	Arts	**Digital Arts** This course provides computer science students with an introduction to visualization graphics programming on personal computers. The course focuses on using a digital camera and practical application of digital imaging programs. Students learn how to place images in photos and how to mock up drawings of three-dimensional spaces.	SEM
9, 10, 11, 12	Social Studies	**Economics** The High School Economics course, designed for a semester, encompasses five units, blending foundational concepts. Unit 1 introduces economics, focusing on supply and demand principles. Microeconomics is the focus of Unit 2, discussing market types, business organizations, production costs, profit maximization, labor markets, income distribution, government regulation, market failures, and public and common goods. Unit 3 shifts to macroeconomics, exploring GDP, business cycles, unemployment, inflation, fiscal and monetary policies, the Federal Reserve, international trade, and exchange rates. Personal Finance Economics in Unit 4 teaches budgeting, saving, investing, credit, loans, taxes, insurance, retirement planning, risk management, financial markets, and economic indicators. Finally, Unit 5 delves into special topics like behavioral economics, environmental economics, and the economics of education.	S1 | S2

★ **NCAA** ◉ **A-G approved**

F B F-Blended

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	English Language Arts	**English 10th Grade** English 10th Grade covers a wide range of language arts skills, including reading, writing, literature, drama, poetry, argumentation, and media literacy. The course is structured into ten units, each focusing on different aspects such as storytelling elements, literature analysis, nonfiction texts, research methodologies, and drama and poetry analysis. Students will develop an understanding of narrative and argumentative writing, enhance their skills in informational text analysis, and learn effective research and presentation techniques.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 11th Grade** English 11th Grade is an advanced English Language Arts course focusing on American literature from its early beginnings to contemporary works. The course is structured into ten units, including Romanticism, Transcendentalism, Realism, Naturalism, Modernism, the Harlem Renaissance, Post-War and Contemporary Literature, as well as Poetry, Song, and Dystopian Literature. Students engage in critical reading, writing, and rhetorical analysis. The course emphasizes language mechanics, the power of rhetoric, character and narrative analysis, and the exploration of various thematic and cultural contexts.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 12th Grade** English 12th Grade is a comprehensive high school course focusing on British Literature. Throughout ten units, students explore key periods in British literature, from the Medieval era to Modernism, understanding the historical and cultural contexts that shaped these literary works. The course emphasizes skill development in textual analysis, argumentative writing, critical thinking, and research, with exposure to a diverse range of classic and modern texts. Students will enhance their vocabulary and language skills through literary analysis and explore themes such as religion, identity, social change, and globalization.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	**English 9th Grade** English 9th Grade is an in-depth exploration of English language and literature, designed to build a strong foundation in grammar, language mechanics, and literary analysis. Starting with a focus on grammar and language mechanics, students learn about parts of speech, sentence structures, and effective use of punctuation, ensuring a strong grasp of written English. The course then covers literary elements through the study of various genres, including short stories, poetry, drama, and global literature. Students also engage with informational texts and argumentation, developing skills in critical analysis, persuasive writing, and media literacy.	S1 | S2 | YEAR
9, 10, 11, 12	Science	**Environmental Science** The Environmental Science course offers a comprehensive look at the planet's ecosystems, biodiversity, and the human impact on the environment. Students will cover the fundamentals of ecology, the importance of biodiversity, and the challenges facing natural resources, including water, soil, and mineral conservation. The course covers atmospheric science, emphasizing climate change, greenhouse effects, and strategies for mitigation and adaptation. Additional units focus on the hydrosphere and geosphere, exploring water and land pollution, waste management, and the importance of recycling.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	**Essentials of Business** This course is an introduction to the goals, processes, and operations of business enterprises for students. The main focus is on the functions that a company–whether a multinational corporation or a corner grocery store–must manage effectively in order to be successful. These include accounting, finance, human resource management, marketing, operations management, and strategic planning. Attention is also given to the legal environment in which businesses operate, and the importance of business ethics and corporate citizenship.	SEM

★ **NCAA** ◉ **A-G approved**

F B F-Blended

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Ethics This course helps students develop the ability to make reasoned and ethical choices when confronted with the many complex, controversial moral dilemmas faced in today's society. Students become acquainted with the foundations of ethical thought and theories and gain an insight into the process of moral development. Students also identify typical fallacies in flawed moral arguments, and are given the opportunity, both orally and in writing, to apply the skills they acquire to real life moral dilemmas.	SEM
9, 10, 11, 12	Mathematics	Financial Literacy This one-semester Financial Literacy course for high school students is designed to provide students with essential skills and knowledge for making sound financial decisions. Beginning with an introduction to personal finance, students learn about income types, taxes, job benefits, and financial planning. The course progresses to cover consumer behavior, budgeting, and smart purchasing, including understanding loans, credit scores, and effective debt management. A significant focus is placed on saving and investing, where students explore savings accounts, compound interest, and investment vehicles like stocks and bonds.	S1 | S2
9, 10, 11, 12	Social Studies	Geography This comprehensive middle school geography course is designed to travel across the vast landscapes of our planet, explore the intricate tapestry of human societies, and evaluate the relationship between natural environments and human activities. Spanning 10 units with 9 lessons each, the course embarks on a journey from the foundational concepts of geography and map skills to the pressing global issues shaping the future of our planet.	S1 | S2
9, 10, 11, 12	Mathematics	Geometry Embark on a geometric journey that unveils the beauty and precision of spatial reasoning with our comprehensive Geometry course. From the foundational principles of Euclidean geometry to the intricacies of trigonometric relationships and solid figures, this course equips students with the tools and techniques necessary to explore and analyze the world of shapes and spatial structures.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Honors Algebra 1 ★ ◉ The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. Upon successful completion of this course a student will understand operations with real numbers, linear equations and inequalities, relations & functions, pairs of linear equations & inequalities, polynomials, algebraic fractions, and exponents and radicals.	S1 | S2
9, 10, 11, 12	Mathematics	Honors Algebra 2 ★ ◉ The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields. Upon successful completion of this course a student will understand relations & functions, absolute value, quadratic functions, conic sections, polynomials, algebraic fractions, logarithmic & exponential functions, sequences & series, counting principles & probability.	S1 | S2
9, 10, 11, 12	Science	Honors Biology ★ ◉ The purpose of this course is to provide exploratory experiences and laboratory and real-life applications in the biological sciences. Students will study the nature of science, including matter, energy, and chemical processes of life. They will understand life from the structure of cells to the structure of larger plants and animals. They will also study the behavior of organisms and the interdependence of organisms, humans, and life.	S1 | S2

★ **NCAA** ◉ **A-G approved**

F B F-Blended

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	Honors Chemistry ★ ◉ The course will cover the classification, structure, and changes of matter, atomic theory, and the periodic table. Students will also learn about bonding, chemical formulas, chemical reactions, and balanced equations. From stoichiometry to acids and bases to the dynamics of energy, this course includes everything necessary to study the composition, properties, and changes associated with matter and their applications.	S1 | S2
9, 10, 11, 12	English Language Arts	Honors English 9th Grade ★ ◉ An honors-level 9th grade English course with advanced literary analysis, complex texts, and rigorous writing assignments.	S1 | S2
9, 10, 11, 12	Health & PE	Life Management The course concentrates on the principles of being healthy and focuses on physical development, mental and emotional stress, relationships, substance awareness, social disease awareness, and personal safety. Students develop critical life management skills necessary to make sound decisions and take positive actions for healthy and effective living.	SEM
9, 10, 11, 12	Arts	Media Studies This course teaches students to analyze forms of media for the purpose of understanding the tools of manipulation, power of the media, the internet and related issues, and critical thinking. The course empowers students to defend themselves against the power of the media and helps them to understand how to utilize the media for the benefit of humanity. Reading, writing, speaking, listening, and viewing competencies are integrated throughout students' learning experiences.	SEM
9, 10, 11, 12	Arts	Music Appreciation Music Appreciation stimulates personal growth when listening to music by exposing the student to a large variety of music with provided listening maps indicating applicable music terminology. Students will be able to explain personal music preference and identify how music is impacted by technology, social values, and daily life of the composers. Students develop an understanding of composer's intent and the ability to rationalize personal interpretation of music works. Similarities and contrasts in music throughout the eras are identified as well as how previous compositions impact future compositions. This course is well suited for advanced upper-level secondary students who plan to focus on music during their post-secondary studies.	SEM
9, 10, 11, 12	Health & PE	Personal Fitness This course concentrates on the principles of being fit and includes subjects such as evaluating fitness, flexibility, anatomy and physiology of body systems as they relate to being fit (oxygen transport, heart health, muscle fibers, etc.), nutrition, hydration, and designing a personal fitness program. Students acquire knowledge of physical fitness concepts, understand the influence of lifestyle on health and fitness, and begin to develop an optimal level of fitness.	S1 | S2
9, 10, 11, 12	Health & PE	Physical Education Each unit integrates engaging core concepts and exciting real world scenarios with practical skills and applies an exercise model to design effective fitness programs for students. This includes interactive fitness activities, a dive into nutrition and how it correlates with exercise, as well as innovative approaches to seeing fitness as a positive lifelong journey. This glimpse into lifelong fitness includes an opportunity for students to calculate and monitor heart rate, understand the cardiovascular system and the importance of stretching and mobility, as well as highlights the constructive role of sport participation and how it is related to fostering personal development and community involvement. By incorporating these concepts in a cohesive manner, the course ensures holistic development, wellness enhancement, and an opportunity to look at fitness as a crucial long-term health benefit.	S1 | S2 | YEAR

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F B F-Blended

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	**Physics** Students enrolled in Physics advance their knowledge and understanding of concepts in previous general science courses. In this course, students examine classical mechanics while learning to calculate concepts in one-dimensional, two-dimensional, and circular motion. Students explore work and energy in addition to the concepts of waves, sound, light, optics, and electromagnetism. The course concludes with an analysis of nuclear physics and a debate on quantum physics. This course requires students to use fundamental algebra and analytical skills to solve problems and analyze situations. As a prerequisite to Physics, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge. While the completion of Trigonometry is not required, a pre-or co-requisite of Trigonometry will allow students to be better prepared for calculations involving dynamics, vectors, and kinematics.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Pre-Calculus** Pre-Calculus is an advanced mathematics course that prepares students for calculus, offering a comprehensive investigation of key concepts and applications. The course encompasses ten units, covering a wide range of topics such as equations and inequalities, functions, conic sections, trigonometric functions, and matrices. Students will delve into complex areas including the trigonometry of general triangles, vectors, probability, sequences and series, and advanced topics with real-world applications.	S1 | S2
9, 10, 11, 12	Social Studies	**Psychology** This year-long Psychology elective provides students with an understanding of human behavior and mental processes. The course begins with an introduction to psychology, exploring its history, methodologies, and various schools of thought. Students will cover topics like neuroscience and behavior, learning about the brain's structure and its influence on cognition and behavior. The course covers developmental psychology, examining human growth and psychological changes from infancy through adulthood. Through case studies, students gain a real-world understanding of psychological concepts and their applications in everyday life.	S1 | S2 | YEAR
9, 10, 11, 12	CTE	**Research** This multidisciplinary course enables students to develop fundamental knowledge of the steps in the research process. Students gain the ability to choose among research topics as they relate to various fields such as science, history, and literature. The course promotes research skills and students learn to evaluate research claims made in the media, literature and other sources.	SEM
9, 10, 11, 12	Social Studies	**World History** This comprehensive World History course spans from early civilizations to the modern world, offering a deep dive into global history. Students begin with the ancient civilizations of Mesopotamia, Egypt, India, and China, understanding their contributions to human development. The journey continues through the classical period, medieval times, the Renaissance, and the age of exploration, highlighting significant cultural, political, and technological advancements. The course covers the World Wars, the Cold War, decolonization, and the rise of globalization, emphasizing their impact on contemporary society.	S1 | S2 | YEAR

★ **NCAA** ◉ **A-G approved**



AP Courses Catalog

College Board–Approved Courses for Advanced Learning

The AP Courses catalog offers College Board–approved online courses with instructor-graded assignments, text-to-speech support, and required textbooks for select subjects. Courses are reviewed annually through the AP Course Audit process so approved offerings can appear on official school transcripts.

Students progress at a pace that supports mastery. Most courses require at least eight weeks and approximately 60 hours of work to complete successfully.

NCAA & A-G Approved

All 9-12 grade level courses hold UC A-G and NCAA approval

Default Weights

Weights can be adjusted to teacher's preference.

GRADES 9-12

Reading Assignments	**40%**	**Unit Essays**	**20%**
Quizzes	**20%**	**Final Exam**	**20%**

AP Courses

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Science	AP Biology ◉ * Explore the fabric of life with AP Biology. Earn college credit as you learn the ins and outs of cellular function within the human body. This two-part series prepares students to take the AP Biology exam, covering topics including molecular and cellular biology, genetics, evolution, ecology, and organismal biology.	S1 | S2
9, 10, 11, 12	Mathematics	AP Calculus AB ◉ * The AP Calculus AB series, which is the equivalent of a college-level Calculus 1 course, covers limits and differentiation and is taught by an AP-certified instructor. Students who successfully complete both halves of this series will be ready for the AP Calculus AB exam.	S1 | S2
9, 10, 11, 12	Mathematics	AP Calculus BC ◉ * This course extends what students learned about limits, derivatives, and integrals to topics like series, Taylor polynomials, and parametric functions. In addition to providing students with a head start in college mathematics, AP Calculus BC opens doors of opportunity in engineering, physics, astronomy, economics, cryptography, and many other careers. This series is equivalent to a college-level Calculus 2 course.	S1 | S2
9, 10, 11, 12	Computer Science	AP Computer Science A ◉ * AP Computer Science A teaches students all Java skills required on the AP Computer Science A exam. While it can be taken standalone with no prerequisites, this is one of our most advanced courses and some degree of technical comfort is recommended.	S1 | S2 | YEAR
9, 10, 11, 12	Computer Science	AP Computer Science Principles ◉ * AP Computer Science Principles introduces students to the foundational concepts of computer science through programming in Python. Aligned to the AP CSP exam framework, the course covers algorithms, data, the internet, cybersecurity, and the societal impacts of computing, with hands-on projects and automatically graded assessments.	S1 | S2 | YEAR
9, 10, 11, 12	Social Studies	AP Human Geography ◉ * Explore the lands and cultures of the world with AP Human Geography. Earn college credit as you learn about the incredible diversity of geographic regions and peoples on our planet, the patterns of human settlement and migration, and the ways people shape and are shaped by the places they live. The course prepares students to take the AP Human Geography exam.	S1 | S2
9, 10, 11, 12	Social Studies	AP Psychology ◉ * This rigorous course discusses in-depth information about personal and others' behavior and will prepare students to pass the AP Psychology exam for college credit. It is recommended that students take both courses of the series before taking the exam. It is also recommended that students take an introductory psychology course before enrolling in this series.	S1 | S2

◉ **A-G approved** * **Additional fees may apply**

AP Courses

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	World Languages	AP Spanish ◉ * Master español con AP Spanish! This course will focus on six themes: los desafíos mundiales, la ciencia y la tecnología, la vida contemporánea, las identidades personales y públicas, las familias y las comunidades, and la belleza y la estética. Improve your speaking, reading, and writing skills as you prepare for the AP Spanish exam.	S1 | S2
9, 10, 11, 12	Social Studies	AP U.S. Government ◉ * This Advanced Placement course will introduce you to the workings of American government and politics. Major topics include Constitutional Democracy, Civil Liberties/Civil Rights, American Political Culture and Beliefs, Political Participation, and Interaction among Branches. This course will prepare you for the AP U.S. Government and Politics exam.	S1 | S2
9, 10, 11, 12	Social Studies	AP U.S. History ◉ * This Advanced Placement course explores the history of the United States from 1491 to 1877. Topics include European explorations and migrations, the American colonies, the American Revolution and creation of the U.S. Constitution, the Civil War and Reconstruction, and more. This course will prepare you for the AP United States History exam.	S1 | S2
9, 10, 11, 12	Social Studies	AP World History: Modern ◉ * This Advanced Placement course will help you explore world history from 1200 to 1750. Topics include East Asian development, the Middle East, the Muslim world, South Asia, the Americas, Africa, Europe, the Silk Roads, the Mongols, early global trade, empires, and transoceanic interconnections. Students will develop skills for writing essays and answering questions in preparation for the AP exam.	S1 | S2

◉ **A-G approved** * **Additional fees may apply**



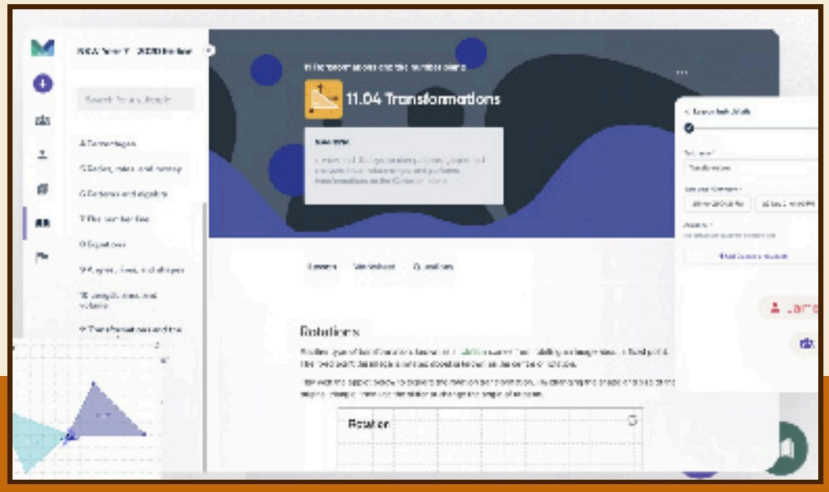
M-Mathspace

Students Learn Math Fearlessly with Support at Every Step

Mathspace delivers personalized instruction through adaptive AI, interactive textbook lessons, and continuous assessment. Each lesson identifies learning gaps, adjusts support, and helps students work toward full mastery, while quizzes, unit tests, and exams measure performance for grading. Students receive immediate guidance when misconceptions occur, encouraging productive struggle and a growth mindset. Teachers gain detailed insight into each student's learning process, making it easier to target support and focus on individual needs.

Teach Comprehensively

Engage learners with interactive lessons. Differentiate instruction with adaptive or custom tasks. Get visibility into usage and student performance with built-in activities and reporting.



mathspace

M-Mathspace

Elementary

Grade	Subject Area	Course Name	Course Length
3	Mathematics	Math 3rd Grade Third grade Mathematics introduces multiplication and division, fractions, area, perimeter, and data analysis.	S1 | S2 | YEAR
4	Mathematics	Math 4th Grade Fourth grade Mathematics covers multi-digit operations, fractions, decimals, geometry, measurement, and algebraic thinking.	S1 | S2 | YEAR
5	Mathematics	Math 5th Grade Fifth grade Mathematics covers operations with fractions and decimals, volume, coordinate planes, and algebraic expressions.	S1 | S2 | YEAR

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Mathematics	Math 6th Grade Embarking on Math 6 marks a crucial transition from elementary concepts to the complexities of secondary mathematics. Our entirely online course, meticulously designed by experienced Math 6 educators, bridges this gap with a comprehensive curriculum delivered through engaging scripted video lessons. These lessons, integrated with interactive assessment questions, ensure that learning transcends traditional memorization, fostering a deep understanding of mathematical principles. Our approach leverages the flexibility and accessibility of digital learning, enabling students to explore essential topics such as Ratios, The Number System, and Geometry at their own pace, while also emphasizing real-world applications to make math both relevant and exciting.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 7th Grade Welcome to 7th Grade Mathematics! This course is designed to provide students with a comprehensive understanding of key mathematical concepts and skills aligned with the Common Core State Standards (CCSS) for 7th grade. Throughout the course, students will explore a wide range of topics, including ratios, proportional relationships, expressions, equations, inequalities, geometry, data analysis, probability, and foundational concepts for transitioning to 8th-grade mathematics.	S1 | S2 | YEAR
6, 7, 8	Mathematics	Math 8th Grade Embarking on 8th-grade mathematics marks a significant milestone in your academic journey, where you transition from elementary concepts to more complex mathematical principles. Our comprehensive online course, meticulously crafted by seasoned educators, aims to guide you through this transition seamlessly while setting a solid foundation for your future high school mathematics endeavors. Through a series of engaging video lessons, interactive assessments, and real-world problem-solving scenarios, we strive to cultivate a deep understanding of mathematical principles while making learning enjoyable and accessible.	S1 | S2 | YEAR

M-Mathspace

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	**Algebra 1** Algebra 1 is a comprehensive, yearlong course that lays the foundational concepts for all future mathematics courses. It covers ten units including the foundations of algebra, linear equations, functions, polynomials, and more complex topics like exponential functions, as well as sequences and series. Students will learn to apply algebra to real-world situations, translating them into algebraic expressions and solving various equations and inequalities. The course emphasizes practical applications and in-depth understanding of algebraic principles, such as graphing linear and quadratic equations, working with functions, and exploring the properties of polynomials and rational expressions.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Algebra 2** Algebra 2 is designed to deepen understanding and proficiency in a range of algebraic concepts, meeting the rigorous requirements of the Common Core State Standards (CCSS). As students embark on this mathematical journey, they will explore complex numbers, quadratic functions, polynomial expressions, and beyond, ensuring a comprehensive grasp of Algebra 2 principles. The course not only emphasizes the mastery of skills but also the application of these skills in solving real-world problems. From crafting and solving equations in various forms to interpreting complex number operations, the course provides a robust foundation in high-level algebra.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Geometry** Embark on a geometric journey that unveils the beauty and precision of spatial reasoning with our comprehensive Geometry course. From the foundational principles of Euclidean geometry to the intricacies of trigonometric relationships and solid figures, this course equips students with the tools and techniques necessary to explore and analyze the world of shapes and spatial structures.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	**Precalculus** Precalculus bridges algebra, geometry, and trigonometry into a unified study of functions and their behavior. Students graph and transform function families, solve trigonometric and logarithmic equations, examine limits informally, and use matrices, vectors, and parametric equations to describe motion and change. The course closes with an introduction to the ideas of rate of change and accumulation that open calculus.	S1 | S2 | YEAR

M-Mathspace

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Mathematics	Secondary Math 1 Secondary Math 1 launches the integrated pathway by weaving algebra, geometry, and statistics into a single course. Students model relationships with linear and exponential functions, solve equations and systems, reason about congruence and transformations in the coordinate plane, and interpret single- and two-variable data sets. Emphasis is placed on justifying reasoning, communicating mathematically, and applying each concept to authentic problems.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Secondary Math 2 Secondary Math 2 extends the integrated pathway into quadratic and polynomial thinking. Students work with complex numbers, quadratic functions and equations, similarity and right-triangle trigonometry, circles and their properties, and probability. Throughout the course, learners connect algebraic and geometric representations, build proofs, and use models to explain real situations.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Secondary Math 3 Secondary Math 3 completes the integrated pathway by synthesizing prior work into a broader study of functions. Students investigate polynomial, rational, radical, logarithmic, and trigonometric functions, model periodic behavior, extend work with statistics and inference, and analyze geometric measurement in three dimensions. The course prepares students for precalculus and college-level mathematics.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	Statistics Statistics introduces students to the practice of collecting, displaying, and interpreting data. Learners design surveys and experiments, summarize distributions with measures of center and spread, examine correlation and regression, apply the rules of probability and sampling distributions, and draw conclusions using confidence intervals and hypothesis tests. Real data sets anchor each unit so students learn to evaluate statistical claims they meet in daily life.	S1 | S2 | YEAR



Test Prep Catalog

Preparation Course for Higher Education Goals

The ACT Preparation course, offered through BYU Independent Study, provides students with a comprehensive and flexible approach to preparing for the ACT college entrance exam. Through engaging lessons, targeted practice, and proven test-taking strategies, students strengthen the academic skills assessed on the ACT, including English, Mathematics, Reading, Science, and optional Writing. The self-paced format allows students to focus on areas needing the most improvement while building confidence and familiarity with the exam's structure and expectations.

Designed for students planning to attend college, this course emphasizes critical thinking, time management, problem-solving, and effective testing strategies that can improve performance on exam day. In addition to helping students prepare for college admissions, successful completion of the course may earn 0.5 elective high school credit through BYU Independent Study, making it a valuable opportunity to advance both academic readiness and graduation progress.

**The ACT Prep course is available at an additional cost and may be added upon request.*

T PR Test Prep

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Test Preparation	ACT Preparation * This ACT Prep course is a comprehensive study of the ACT test's English, Math, and Science subject matter including test-taking strategies that will maximize your success and potential to score higher on the real ACT test. This course includes quizzes in each unit and written assignments. There are also several opportunities to check your knowledge and understanding in ungraded self-checks. After successfully completing this course, you will be familiar with the current ACT test content, be able to demonstrate successful test-taking strategies and apply those strategies on test day!	FLEX | YEAR

*** Additional fees may apply**

BYU Extra Courses

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Health & PE	Jogging for Fitness This course is designed to get students exercising. Additionally, students will learn about a few other principles of health and activity. As students gain an understanding and apply what they have learned in this course, they will experience some of the health benefits of jogging, as well as the pleasure of doing something challenging and seeing improvements in performance as a result. A healthy lifestyle would include walking or jogging 5–6 days per week. For this course, students should plan to jog for a minimum of 45 days (3 days per week for 15 weeks). Students may jog more often, based on their personal fitness goals. Before beginning any exercise program, students should consult with a doctor.	SEM
9, 10, 11, 12	Health & PE	Walking for Fitness This course is designed to get students exercising. Additionally, students will learn about a few other principles of health and activity. As students gain understanding and apply what they learn in this course, they will experience some of the health benefits of walking, as well as the pleasure of doing something challenging and seeing improvements in performance as a result. A healthy lifestyle would include walking 5–6 days per week. For this course, students should plan to walk for a minimum of 45 days (3 days per week for 15 weeks). Students may walk more often, based on their personal fitness goals. Before beginning any exercise program, students should consult with a doctor.	SEM

SchoolsPLP Courses

Middle School

Grade	Subject Area	Course Name	Course Length
6, 7, 8	Health & PE	Middle School Nutrition and Personal Fitness In Middle School Nutrition and Personal Fitness, students explore nutrition, dietary needs, and physical fitness. With a foundation in nutrition principles and practices, students read food labels and identify food safety concerns. With regard to physical fitness, students analyze exercise guidelines that promote healthy lifestyles.	S1 | S2 | YEAR
6, 7, 8	Social Studies	Middle School Texas History 7 Middle School Texas History 7 traces the story of Texas from its earliest peoples through Spanish and Mexican rule, revolution and republic, statehood, the Civil War and Reconstruction, and into the modern era. Students study geography, economics, government, and the diverse cultures that shaped the state.	S1 | S2 | YEAR

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	CTE	Human Development and Family Studies Students in the Human Development and Family Studies course explore the basic information about human development, parenting roles and strategies, and functioning effectively within the family in today's changing and complex society. This course helps students to develop competencies related to genetics, family types, and effective communication. They investigate the ways in which humans develop over their lifespan, human relationships, child care, and child abuse. Students also learn the importance of creating a nurturing and caring home environment	SEM
9, 10, 11, 12	CTE	Introduction to Engineering Introduction to Engineering provides students with an overview of the field of engineering and the primary processes and procedures used by engineers. Students explore engineering careers and their impacts on society, and they learn how mathematics and science are used in the field of engineering. They examine different engineering disciplines, the engineering design process, and various engineering styles and methods used in the field. Students take part in hands-on learning as they work through a real-life design problem and solve it through the steps of the engineering design process. The course concludes with a student-created presentation to demonstrate their solution to the design problem. Introduction to Engineering is an excellent addition to a STEM-centered curriculum. Students must have completed Algebra I as a prerequisite and must possess basic spreadsheet, word processing, and presentation software knowledge.	SEM

SchoolsPLP Courses

High School

Grade	Subject Area	Course Name	Course Length
9, 10, 11, 12	Health & PE	Physical Education 9-12 Each unit integrates engaging core concepts and exciting real world scenarios with practical skills and applies an exercise model to design effective fitness programs for students. This includes, Interactive fitness activities, a dive into nutrition and how it correlates with exercise, as well as innovative approaches to seeing fitness as a positive lifelong journey. This glimpse into lifelong fitness, includes an opportunity for students to calculate and monitor heart rate, understand the cardiovascular system and the importance of stretching and mobility as well as highlights the constructive role of sport participation and how it is related to fostering personal development and community involvement. By incorporating these concepts in a cohesive manner, the course ensures holistic development, wellness enhancement, and an opportunity to look at fitness as a crucial long-term health benefit.	S1 | S2 | YEAR
9, 10, 11, 12	Mathematics	PreCalculus PreCalculus strengthens the algebraic and trigonometric skills students need before calculus. Learners analyze polynomial, rational, exponential, and logarithmic functions; work fluently with the unit circle, trigonometric identities, and graphs; and explore sequences, series, vectors, polar coordinates, and conic sections. Modeling tasks connect each family of functions to real-world behavior.	S1 | S2 | YEAR
9, 10, 11, 12	English Language Arts	World and Cultural Mythology World and Cultural Mythology is the perfect course for students looking for an interactive way to learn about mythology and myths from around the world. The course focuses on different dynamics of myths and analyzes aspects of myths found in different cultures. The course looks at the type of writing styles used in different myths, including common terminology, sentence structure, and writing techniques. Finally, students evaluate mythical places and sacred locations, including the characters commonly found in myths, such as gods, goddesses, monsters, heroes, and deities.	SEM

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