
















## High School Course List

LANGUAGE ARTS
English 9 
English 10 
American Literature 
British and World Literature 
Creative Writing

SCIENCE
Physical Science 
Earth Science 
Biology 
Chemistry
Physics
Intro to Agriscience 

MATH
Pre-Algebra 
Algebra I 
Algebra II 
Geometry 
Pre-Calculus/Trig
Calculus
Consumer Math 
Practical Math
Integrated Math I 
Integrated Math II 
Integrated Math III

SOCIAL STUDIES
US History 
Geography
World History 
Contemporary World Issues
US Government & Politics 

## High School Course List

WORLD LANGUAGES	TECHNOLOGY
American Sign Language I	2D Animation ●
American Sign Language II	3D Modeling ●
French I	Computer C++ Programming ●
French II	Computer Literacy ●
French III	Digital Arts I ●
French IV	Digital Arts II ●
German I	Digital Photography I ●
German II	Digital Photography II ●
German III	Game Design I ●
German IV	Game Design II ●
Spanish I	HTML and CSS3 Programming ●
Spanish II	Introduction to Computer Science ●
Spanish III	Java Programming I ●
Spanish IV	Java Programming II ●
	Probability and Statistics ●
	Programming Logic and Design ●
	Python Programming ●
	Web Design ●

## High School Course List

ADDITIONAL ELECTIVES	
Accounting I ●	Gothic Literature ●
Achieving Your Career and College Goals ●	Health Science I ●
Anthropology ●	Health Science II ●
Art in World Cultures ●	International Business ●
Astronomy I ●	Law and Order ●
Astronomy II ●	Life Skills ●
Careers in Criminal Justice ●	Marketing I ●
Civics ●	Marketing II ●
Criminology ●	Music Appreciation
Culinary Arts I ●	Mythology and Folklore ●
Culinary Arts II ●	Personal Finance ●
Early Childhood Education I ●	Physical Education I ●
Early Childhood Education II ●	Physical Education II ●
Earn and Learn (work study) ●	Psychology ●
Economics ●	Public Speaking ●
Entrepreneurship I ●	Skills for Health ●
Entrepreneurship II ●	Sociology ●
Environmental Science ●	Sports and Entertainment Marketing ●
Family and Consumer Science ●	
Fine Art	
Forensic Science ●	

## High School Course List

Credit Recovery LANGUAGE ARTS
English 9
English 10
American Literature
British and World Literature

Credit Recovery SOCIAL STUDIES
American Government
American History
Economics ●
Geography
World History

Credit Recovery MATH
Algebra I
Algebra II
Geometry

Credit Recovery ELECTIVES
Health - Skills for Health ●
Physical Education ●

Credit Recovery SCIENCE
Biology
Chemistry
Earth Science
Physical Science

## Middle School Course List

LANGUAGE ARTS
Language Arts 6
Language Arts 7
Language Arts 8

MATH
Math 6
Math 7 (Pre-Algebra)
Math 8

SCIENCE
Earth Science 6
Life Science 7
Physical Science 8

SOCIAL STUDIES
World History I (6th)
World History II (7th)
American History (8th)

ELECTIVES
6th Grade American Art I
7th Grade World Art I
8th Grade World Art II
6th Grade Health
7th Grade Health
8th Grade Health
6th Grade Physical Education
7th Grade Physical Education
8th Grade Physical Education
Career Explorations I
SCIENCE Career Explorations II

## Elementary School Course List

LANGUAGE ARTS
Language Arts K
Language Arts 1
Language Arts 2
Language Arts 3
Language Arts 4
Language Arts 5

SOCIAL STUDIES
Social Studies K
Social Studies 1
Social Studies 2
Social Studies 3
Social Studies 4
Social Studies 5

MATH
Math K
Math 1
Math 2
Math 3
Math 4
Math 5

SCIENCE
Science K
Science 1
Science 2
Science 3
Science 4
Science 5

# English

## American Literature

In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests.

## British and World Literature

Students read selections from British and world literature in a loosely organized chronological framework. They analyze the themes, styles, and structures of these texts and make thematic connections among diverse authors, periods, and settings. Students complete guided and independent writing assignments that refine their analytical skills. They have opportunities for creative expression in projects of their choice. Students also practice test-taking skills for standardized assessments in critical reading and writing.

## Creative Writing

Students create original essays, poems, and short stories in this course, which focuses on the four-step process writing model. They read professionally written forms of creative writing as models. They then integrate their impressions of these works with their personal life experiences as they compose their writing projects. Students are encouraged to write about topics they find engaging as they practice writing on the following themes: narration, definition, process analysis, cause and effect, and comparison/contrast. The teacher supplies feedback that helps students learn how to improve their self-expression and self-editing skills.

## English 9

This English 9 Summit course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 9. Throughout the course, students practice narrative, informational, and argumentative writing. Students also develop and deliver presentations and participate in discussions with their peers.

## English Foundations I (English 9)

Students build and reinforce foundational reading, writing, and basic academic skills typically found in third through fifth grade for which they have not achieved mastery. Through carefully paced, guided instruction and graduated reading levels, students improve reading comprehension and strategies, focusing on literacy development at the critical stage between decoding and making meaning from text. Instruction and practice in writing skills help students develop their composition skills in a variety of formats. If needed, students can continue their remediation of reading and writing skills with English Foundations II.

# English

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## English 10

This English 10 Summit course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 10. Throughout the course, students practice narrative, informational, and argumentative writing. Students also develop and deliver presentations and participate in discussions with their peers.

## English Foundations II (English 10)

Students build and reinforce foundational reading, writing, and basic academic skills typically found in sixth through eighth grade, achieving the skills needed to undertake high school English courses with confidence. Struggling readers develop mastery in reading comprehension, vocabulary building, study skills, and media literacy. Students build confidence in writing fundamentals by focusing on composition in a variety of formats, in addition to grammar, style, and media literacy.



# Math

## Algebra I

This Algebra I Summit course formalizes and extends the mathematics that students learned in the middle grades. Built to follow revised middle school math courses, this course covers slightly different ground than previous versions of algebra. In this course, students deepen their understanding of linear and exponential relationships by contrasting them with each other. Students also apply linear models to data that exhibit a linear trend. The course also covers analyzing, solving, and using quadratic functions.

## Algebra II

In this Algebra II Summit course, students build on their work with linear, quadratic, and exponential functions, and extend their repertoire to include polynomial, rational, radical, and trigonometric functions. Students also expand their ability to model situations and solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The course covers sequences and series, probability distributions, and more advanced data analysis techniques.

## Calculus

This course provides a comprehensive survey of differential and integral calculus concepts, including limits, derivative and integral computation, linearization, Riemann sums, the fundamental theorem of calculus, and differential equations. Content is presented across ten units and covers various applications, including graph analysis, linear motion, average value, area, volume, and growth and decay models. In this course, students use an online textbook that supplements the instruction they receive and provides additional opportunities to practice using the content they've learned. Students use an embedded graphing calculator applet (GCalc) for their work on this course; there is no charge to download the software for the applet.

## Consumer Math

In Consumer Math, students study and review arithmetic skills they can apply in their personal lives and their future careers. The first semester of the course begins with a focus on occupational topics; it includes details on jobs, wages, deductions, taxes, insurance, recreation and spending, and transportation. In the second semester, students learn about personal finances, checking and savings accounts, loans and buying on credit, automobile expenses, and housing expenses. Narrated slideshows help illustrate some of the more difficult content. Throughout the course, students participate in online discussions with each other and their teacher.

## Geometry

This Geometry Summit course builds on the geometry covered in middle school to explore more complex geometric situations and deepen students' ability to explain geometric relationships, moving toward formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, right triangle trigonometry, analysis of three-dimensional objects, conic sections, and geometric modeling.

# Math

## Integrated Mathematics I

This first-year high school integrated math course focuses on linear and simple exponential models. The course contrasts linear behavior with exponential behavior and uses both linear and simple exponential equations as models. Students learn about and work extensively with functions—analyzing function properties and behavior, creating new functions from known functions, and applying functions to various continuous and discrete situations. The statistics in the course focus on modeling. Geometry topics covered in the course include constructions, transformations, similarity, and congruence—and students use the Pythagorean theorem in analytic geometry contexts.

## Integrated Mathematics II

Integrated Mathematics II, a second-year high school math course, focuses on extending the number system to include irrational and complex numbers as well as computation with quadratic polynomials. The course continues with quadratic expressions, equations, and functions, including making comparisons to their linear and exponential counterparts covered in Integrated Mathematics I. The course also introduces conditional probability as a way to make better decisions when given limited information. Geometry topics covered in the course include similarity, right triangle trigonometry, and volume. Students use the tools of analytic geometry, synthesizing algebra, and geometry concepts to describe circles and parabolas in the coordinate plane.

## Integrated Mathematics III

In this third-year high school math course, students encounter unified instruction reviewing and expanding all previous high school math topics. First, they extend their work on polynomials beyond quadratics to graphing, problem-solving, and working with rational expressions. Next, they use statistical and probability tools, such as the standard normal distribution, to understand data. Students make inferences using simulations, experiments, and surveys. In geometry, they extend trigonometric concepts to general triangles and use trigonometric functions to model periodic processes. Finally, students substantially use mathematical modeling by making use of well-developed skills with various mathematical tools.

## Math Foundations I

Students build and reinforce foundational math skills typically found in third through fifth grade for which they have not achieved mastery. They progress through carefully paced, guided instruction and engaging interactive practice. If needed, students can move on to Math Foundations II (addressing skills typically found in sixth through eighth grade) to develop the computational skills and conceptual understanding needed to undertake high school math courses with confidence.

# Math

## Math Foundations II

Students build and reinforce foundational math skills typically found in sixth through eighth grade, achieving the computational skills and conceptual understanding needed to undertake high school math courses with confidence. Carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. This course is appropriate for use as remediation at the high school level or as a bridge to high school.

## Pre-Algebra

In this course, students take a broader look at computational and problem-solving skills while learning the language of algebra. Students translate word phrases and sentences into mathematical expressions; analyze geometric figures; and solve problems involving percentages, ratios, and proportions. They also graph different kinds of equations and inequalities; calculate statistical measures and probabilities; apply the Pythagorean theorem; and explain strategies for solving real-world problems. Lessons provide demonstrations of key concepts as well as interactive problems with contextual feedback.

## Pre-Calculus/Trigonometry

Pre-calculus weaves the previous study of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. Topics include linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections in the first semester. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers. Cross-curricular connections are made throughout the course to calculus, art, history, and a variety of other fields related to mathematics.

# Science

## Biology

In this comprehensive course, students investigate the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of in-depth online lessons, including extensive animations, collaborative explorations, virtual laboratories, and hands-on laboratory experiments students can conduct at home.

## Chemistry

This comprehensive course gives students a solid basis to move on to future studies. The course provides an in-depth survey of all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry. The course includes direct online instruction, virtual laboratories, and related assessments, used with an online problem-solving book.

## Earth Science

This course provides students with a comprehensive earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of in-depth online lessons, collaborative activities, virtual laboratories, and hands-on laboratories students can conduct at home. The course prepares students for further studies in geology, meteorology, oceanography, and astronomy courses, and gives them practical experience in implementing scientific methods.

## Physical Science

Students explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. Students develop skills in measuring, solving problems, using laboratory apparatuses, following safety procedures, and adhering to experimental procedures. Students focus on inquiry-based learning with both hands-on laboratory investigations and virtual laboratory experiences.

## Physics

This course provides a comprehensive survey of all key areas: physical systems, measurement, kinematics, dynamics, momentum, energy, thermodynamics, waves, electricity, magnetism. It introduces students to modern physics topics such as quantum theory and the atomic nucleus. The course gives students a solid basis to move on to more advanced courses later in their academic careers. The program consists of online instruction, laboratories, and related assessments, plus an associated problem-solving book.

## Introduction to Agriscience

In this course, students learn about the development and maintenance of agriculture, animal systems, natural resources, and other food sources. Students also examine the relationship between agriculture and natural resources and the environment, health, politics, and world trade.

# Social Studies

## Contemporary World Issues

In this course, students compare the geography, governments, economies, and cultures of the world. Emphasis is placed on learning about the civics, politics, economics, structures, processes and policies of the United States and then comparing them with those of the international community. Students draw upon what they know and learn about the United States and the world to analyze current events and contemporary issues. Students apply reasoning and research skills to the content throughout the course.

## Geography

This course explores world geography on a region-by-region basis and covers a broad range of geographical perspectives. Each unit covers one continent or other major geographical region of the world: North America, Central America, South America, Western Europe, Eastern Europe and Russia, East Asia, Southeast Asia and the Pacific Cultures, Africa, India, and the Middle East. Students first learn about each region's landforms, climate, and population. They then examine that region's cultural, economic, and political institutions. Each unit is presented in a parallel format to facilitate interregional comparisons. It also allows students to see the similarities and differences between the regions more clearly.

## U.S. Government and Politics ♦

This course uses the perspective of political institutions to explore government history, organization, and functions. Students encounter the political culture of our country from the Declaration of Independence to the present day, gaining insight into the challenges faced by presidents, Congress members, and other political participants. The course also covers the roles of political parties, interest groups, the media, and the Supreme Court. Students learn to use primary historical documents as evidence in evaluating past events and government functions.

## U.S. History

This course is a full-year survey that provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Readings are drawn from K12's ebook, *The American Odyssey: A History of the United States*. Online lessons help students organize their study, explore topics, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating time lines, completing projects and written assignments, and conducting independent research.

# Social Studies

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## World History

In this comprehensive survey of world history from prehistoric to modern times, students focus in-depth on the developments and events that have shaped civilization. The course is organized chronologically and, within broad eras, regionally. Online lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts and skills within the context of the historical narrative. Lessons and assessments complement *World History: Our Human Story*, an ebook written and published by K12. Students are challenged to consider topics in-depth as they analyze primary sources and maps, create timelines, and complete other projects—practicing historical thinking and writing skills as they explore the broad themes and big ideas of human history.

# World Languages

## American Sign Language I

This full-year course will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore deaf culture: social beliefs, traditions, history, values and communities influenced by deafness. The second semester will introduce you to more of this language and its grammatical structures.

## American Sign Language II

In this course, students will build on the skills they learned in American Sign Language I and explore the long and rich history of deaf culture and language. They will expand their knowledge of the language as well as their understanding of the world in which it is frequently used. Students will grow their sign vocabulary and improve their ability to interact using facial expressions and body language. They will also learn current trends in technology within ASL as well as potential education and career opportunities.

## French I

Students receive a thorough grounding in the basics of the French language in this introductory, two-semester course. French I has been designed to meet the standards of the American Council on the Teaching of Foreign Languages (ACTFL). These standards call for a method of teaching that focuses on successful communication through speaking, listening, reading, and writing. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multimedia presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes, and exams. Learning activities in each unit are focused on a specific theme.

## French II

French II continues the learning process that began with French I and adheres to the standards of the American Council on the Teaching of Foreign Languages (ACTFL). Instructional material introduces students to new grammar and vocabulary and allows them to build conversational and reading skills to cover many common situations in daily life. Unit topics include daily routine, animals, entertainment, body parts, rooms and furniture, shopping and clothing, meals, sports and recreation, and transportation. Unit activities blend different forms of communication and culture to ensure that standards are met. The successful completion of French I is a prerequisite for this course.

# World Languages

## French III

This course builds on knowledge that students acquired in the beginning-level courses, French I and II, and aligns with national ACTFL standards. Students learn to express themselves using present, past, future, and conditional tense verbs in increasingly complex grammatical constructions. They become familiar with idiomatic expressions common to daily French speaking and build vocabulary in order to be able to converse on a wider variety of themes in French. Instruction includes more material on French culture, geography, and history than in earlier courses, giving students the opportunity to learn about France and other francophone countries around the world.

## French IV

Students complete their high school French language education with this two-semester course that, like all of its predecessors, conforms to the national standards of the ACTFL. The instructional material in French IV enables students to use the conditional and subjunctive tenses, and talk about the past with increasing ease, distinguishing which tense to use and when. It also helps students hone their listening skills to enhance their understanding of native speech patterns on familiar topics. Students expand their knowledge of French-speaking countries' culture, history, and geography and learn about francophone contributions in the arts. Students must pass French III as a prerequisite.

## Spanish I

This course provides students with instruction in the basics of learning the language of Spanish. Content includes topics such as greetings, time, dates, colors, clothing, numbers, weather, family, houses, sports, food and drink, and school. The course also introduces basic and stem-changing verbs and their formation and use in the present tense. Students also learn about interrogatives, question formation, and adjectives and their form and use, in addition to possessives, prepositions, and other grammatical structures. Finally, students become acquainted with the Spanish-speaking countries of the world and their cultures, and they learn practical information, such as restaurant vocabulary and expressions of invitation.

## Spanish II

Students receive additional grounding in grammar and vocabulary in this two-semester course. Instructional material encourages students to build conversational and reading skills to cover many common situations in daily life. Like Spanish I, this follow-up course adheres to the standards of the American Council on the Teaching of Foreign Languages (ACTFL). Learning activities in each unit are focused on a specific theme. The units for both semesters cover a broad range of useful everyday subjects, including daily routine, animals, entertainment, body parts, rooms and furniture, shopping and clothing, meals, sports and recreation, and transportation. Students must successfully complete Spanish I in order to enroll in this course.



# World Languages

## Spanish III

This course builds on the grammatical concepts and vocabulary that students mastered while completing the Spanish I and II courses. Spanish III fully aligns with national ACTFL standards. Students learn increasingly complex grammatical constructions, such as present, imperfect, perfect, and future tenses; reflexive and modal verbs; prepositions; conjunctions; relative pronouns; and adjective endings. Unit themes in this two-semester course include chores, directions, feelings, future plans and travel, geography, countries and nationalities, health, household items, measurements, occupations, and personal history. Unit activities blend different forms of communication and culture.

## Spanish IV

Fourth-year Spanish expands on the foundation of Spanish grammar and vocabulary that students acquired in the first three courses. As with all the earlier offerings, this culminating-level Spanish language course conforms to the standards of the American Council on the Teaching of Foreign Languages (ACTFL). Students continue to sharpen their speaking, listening, reading and writing skills while also learning to express themselves on topics relevant to Spanish culture. The two-semester course is divided into ten units whose themes include people, achievements, wishes and desires, activities, celebrations, possibilities, the past, the arts, current events, and wrap up and review.

# Electives

## 2D Animation ♦

In the 2D animation course, students learn to create movement in a two-dimensional artistic space. They learn to conceptualize and bring their animation dreams to life using various software and design programs. During the course, students design, define, and complete a variety of digital design projects, including creating a website. Learning about 2D Animation could be a first step toward a career in technology and animation.

## 3D Modeling ♦

This course provides a solid introduction to the fast-growing fields of technology and design, including virtual reality, video game design, marketing, television and motion pictures, and digital imaging. In 3D Modeling, students gain a deeper understanding of graphic design and illustration as they use 3D animation software to create virtual three-dimensional design projects. The course helps students develop the drawing, photography, and 3D construction skills needed to navigate within a 3D digital modeling workspace while rendering 3D models.

## Accounting I ♦

This is the first semester of a two-semester course. The course teaches accounting while emphasizing conceptual understanding and financial statement analysis to encourage students to apply accounting concepts to real-world situations and make informed business decisions. Topics include transactions and methods of accounting for both service and merchandising businesses.

## Achieving Your Career and College Goals ♦

Students explore their options for life after high school and implement plans to achieve their goals. They identify their aptitudes, skills, and preferences, and explore a wide range of potential careers. They investigate the training and education required for their career choice, and create a plan to be sure that their work in high school is preparing them for the next step. They also receive practical experience in essential skills such as searching and applying for college, securing financial aid, writing a resume and cover letter, and interviewing for a job. This course is geared toward 11th and 12th graders.

## Anthropology ♦

This course presents a behavioral science focused on the study of humanity and culture. The course covers the foundations of anthropology's five main branches, including physical, social, linguistic, archeological, and cultural. Students are provided the opportunity to apply their observational skills to the real-life study of cultures in the United States and around the world.

# Electives

## Art in World Cultures ●

Students learn about some of the greatest artists while also creating art of their own, including digital art. The course explores the basic principles and elements of art, how to critique art, and how to examine some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art.

## Astronomy I ●

This course introduces students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the origin of the universe, the Milky Way, and other galaxies and stars.

## Astronomy II ●

Building upon the prior prerequisite course, this course presents a variety of subjects that allow the student to become more familiar with the universe. Students will explore the solar system, the sun, comets, asteroids, and meteors as well as become familiar with the concepts of space travel and settlements. Students will also examine the life cycle of stars and the properties of planets.

## C++ Programming ●

This course teaches students to use problem-solving skills involving full-code examples to demonstrate how and why to apply programming concepts while using C++. Programming exercises strengthen student understanding of program design. Students walk through the stages of input, output, problem analysis, and algorithm design to illustrate key concepts.

## Careers in Criminal Justice ●

In this course, students explore different areas of the criminal justice system, including the trial process, the juvenile justice system, and the correctional system. Students examine careers in each area and learn about the expectations and training required for various career options in the criminal justice field.

## Civics ●

Civics is the study of citizenship and government. This one-semester course provides students with a basic understanding of civic life, politics, and government, and a short history of government's foundation and development in this country. Students learn how power and responsibility are shared and limited by government, the impact American politics has on world affairs, the place of law in the American constitutional system, and which rights the American government guarantees its citizens. Students also examine how the world is organized politically and how civic participation in the American political system compares to that in other societies around the world today.

# Electives

## Computer Literacy ●

In this introductory course, students become familiar with the basic principles of a personal computer, including the internal hardware, operating system, and software applications. Students gain practice in using key applications, such as word processing, spreadsheet, and presentation software, as well as an understanding of social and ethical issues around the internet, information, and security. In the first part of the course, the focus is on the fundamentals: learning and using the applications, and understanding the basic roles and responsibilities of the software, hardware, and operating system. In the second part, the focus is on gathering and analyzing data, and using the right tools and methods to collect and present data.

## Criminology ●

This course introduces students to the field of criminology, the study of crime. Students look at possible explanations for crime from psychological, biological, and sociological perspectives; explore the categories and social consequences of crime; and investigate how the criminal justice system handles criminals and their misdeeds. The course explores some key questions: Why do some individuals commit crimes while others do not? What aspects of culture and society promote crime? Why are different punishments given for the same crime? What factors—from arrest to punishment—help shape the criminal case process?

## Culinary Arts I and II ●

In this course, students learn all about food, including food culture, food history, food safety, and current food trends. They also learn about the food service industry and prepare some culinary dishes. Through hands-on activities and in-depth study of the culinary arts field, this course helps students hone their cooking skills and gives them the opportunity to explore careers in the food industry.

## Digital Arts I ●

Students learn the elements and principles of design as well as foundational concepts of visual communication in this exploratory course. While surveying a variety of media and art, students use image editing, animation, and digital drawing to practice the art principles they've learned. They explore career opportunities in the design, production, display, and presentation of digital artwork. They respond to the artwork of others and learn how to combine artistic elements to create finished pieces that effectively communicate their ideas.

## Digital Arts II ●

Students build on the skills and concepts they learned in Digital Arts I as they develop their vocabulary of digital design elements. By the end of the course, they have created a collection of digital art projects for their digital design portfolio.

# Electives

## Digital Photography I ●

This course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students study the history of photography and learn essential camera functions. They use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-ups, and action photographs.

## Digital Photography II ●

In this course, students learn about aspects of professional photography, including the ethics of the profession. They examine some of the areas that professional photographers choose to specialize in, such as wedding photography and product photography. Students also learn about some of the most respected professional photographers in history and critique photographs to better understand what creates an eye-catching picture.

## Early Childhood Education I ●

Are you curious to see what it takes to educate and nurture early learners? Use your curiosity to explore the fundamentals of childcare, like nutrition and safety, but also the complex relationships caregivers have with parents and their children. Examine the various life stages of child development and the best educational practices to enrich their minds while thinking about a possible future as a childcare provider!

## Early Childhood Education II ●

Building on the previous prerequisite course, discover the joys of providing exceptional childcare and helping to develop future generations. Learn the importance of play and use it to build engaging educational activities that build literacy and math skills through each stage of childhood and special need. Use this knowledge to develop your professional skills well suited to a career in childcare!

## Economics ●

Students are introduced to the basics of economic principles, and they learn the importance of understanding different economic systems. They also investigate how to think like an economist. Students explore different economic systems, including the American free enterprise system, and analyze and interpret data to understand the laws of supply and demand. Students are also presented with economic applications in today's world. From economics in business, money, banking, and finance, students see how economics is applied domestically and globally. Students also study how the government is involved in establishing economic stability in the American free enterprise system as well as how the U.S. economy has a global impact.

## Electives

### Entrepreneurship I ●

In this introductory business course, students learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful. They learn how to come up with new business ideas, attract investors, market their business, and manage expenses.

### Entrepreneurship II ●

Students build on the business concepts they learned in Entrepreneurship I. Students continue to explore the different functions of business while refining their technology and communication skills in speaking, writing, networking, negotiating, and listening. The purpose of this course is to prepare students to launch a small business venture.

### Environmental Science ●

This course surveys key topic areas, including the application of scientific process to environmental analysis; ecology; energy flow; ecological structures; earth systems; and atmospheric, land, and water science. Topics also include the management of natural resources and analysis of private and governmental decisions involving the environment. Students explore actual case studies and conduct five hands-on, unit-long research activities, learning that political and private decisions about the environment and the use of resources require the accurate application of scientific processes, including proper data collection and responsible conclusions.

### Family and Consumer Science ●

In this course, students develop skills and knowledge to help them transition into adult roles within the family. They learn to make wise consumer choices, prepare nutritious meals, contribute effectively as part of a team, manage a household budget, and balance work and family roles. They gain an appreciation for each family member's responsibilities and contributions to the well being of the family and the community throughout their lifespan.

### Fine Art

This course combines art history, appreciation, and analysis while engaging students in hands-on, creative projects. Lessons introduce major periods and movements in art history while focusing on masterworks and the intellectual, technical, and creative processes behind those works. Studio lessons provide opportunities for drawing, painting, sculpting, and other creative endeavors.

# Electives

## Forensic Science ●

This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, labs, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions.

## Game Design I ●

Game Design I encourages students to use their creative and technical skills as they learn about the many aspects of designing games. The course explores different types of video game software and hardware, various gaming platforms, the technical skills necessary to design games, troubleshooting, internet safety techniques, and the history of gaming. Students also have the opportunity to create a plan for a 2D video game. The course is designed to help prepare students either for postsecondary education in game design or for an entry-level career.

## Game Design II ●

In Game Design II, students have the opportunity to conceptualize, design, and create a video game. They explore various video game software and hardware, sharpen their coding skills, and learn about game storylines, player progression, and algorithmic decision making. Students learn to analyze player goals, player actions, rewards, and challenges, among many other gameplay components. The course helps students develop 21st-century skills involving creativity, critical thinking, communication, collaboration, and technical expertise that will put them at the forefront of a future in technology.

## Gothic Literature ●

Since the 18th century, Gothic tales have influenced fiction writers and fascinated readers. This course focuses on the major themes found in Gothic literature and looks at how the writing creates a suspenseful environment for readers. Some of the recurring themes and elements found in the genre are also presented. As they complete the course, students gain an understanding of and an appreciation for the complex nature of Gothic literature.

## Health Science I ●

This course introduces students to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. Students explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

# Electives

## Health Science II ●

In this course, students learn more about what it takes to be a successful health science professional, including how to communicate with patients. Students explore the rights and responsibilities of both patients and health sciences professionals in patient care, and learn more about how to promote wellness among patients and health care staff. Finally, students learn more about safety in health sciences settings and the challenges and procedures of emergency care, infection control, and blood-borne pathogens.

## HTML5/CSS3 Programming ●

This course is designed to teach students to build effective websites using real-world case scenarios. Each tutorial is based on a case problem that leads students through the creation of a website while they master new techniques and complex concepts. The course covers concepts such as page layout, basic graphic design, mobile design, working with tables and columns, designing forms, using multimedia, JavaScript, and exploring arrays, loops, and conditional statements.

## International Business ●

From geography to culture, global business is an exciting topic in the business community today. This course helps students develop the appreciation, knowledge, skills, and abilities needed to live and work in the global marketplace. It takes a global view of business, investigating why and how companies go international, and how they are more interconnected. Students gain an understanding of how economic, social, cultural, political, and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations are also explored. The course helps students cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in 21st-century business activities.

## Introduction to Computer Science ●

This course provides a solid foundation using an algorithm-driven approach that is ideal for students' first course in Computer Science. Students learn about emerging topics, such as privacy, drones, cloud computing, and net. Students are also introduced to programming languages such as C++, Java, Python, C#, and Ada.

## Java Programming I ●

Java Programming Levels I and II introduce programmers to the power of Java for developing applications as they learn the basic principles of structured and object-oriented programming. These courses incorporate Java with meaningful real-world exercises and a wealth of case problems to help students build skills critical for ongoing programming success.



# Electives

## Java Programming II ●

Java Programming Levels I and II introduce programmers to the power of Java for developing applications as they learn the basic principles of structured and object-oriented programming. These courses incorporate Java with meaningful real-world exercises and a wealth of case problems to help students build skills critical for ongoing programming success.

## Law and Order/Legal Studies ●

This course focuses on the creation and application of laws in society. Topics include how law and ethics are intertwined, the lawmaking process, and the steps involved in the court system. In addition, students take a closer look at individual types of laws, including criminal, tort, consumer, and family law.

## Life Skills ●

This one-semester elective is designed to increase students' knowledge of and ability to use the skills necessary for everyday living. Life Skills emphasizes defining personal values, goal-setting and planning, and solving problems. Instructional material focuses on dealing with media and peer pressure, communication and relationships, working with others, avoiding and/or resolving conflict, decision making, wellness and personal safety, aspects of good citizenship, environmental awareness, and how students can contribute to their community. The course is organized in six units: Course Introduction; Thinking About Yourself; Thinking for Yourself; Taking Care of Yourself; Caring for Your Relationships; and Caring About Your World.

## Marketing I ●

Students discover what it takes to market a product or service in today's fast-paced business environment. They learn the fundamentals of marketing using real-world business examples. They also explore buyer behavior, marketing research principles, demand analysis, distribution, financing, pricing, and product management.

## Marketing II ●

Students build on the skills and concepts learned in Marketing I to develop a basic understanding of marketing principles and techniques. The course encourages students to think like an entrepreneur and begin preparing for a career in business and marketing. By the end of the course, students will understand what it takes to start a small business venture.

# Electives

## Music Appreciation

This course introduces students to the history, theory, and genres of music. The first semester covers basic music theory concepts as well as early musical forms, classical music, patriotic and nationalistic music, and 20th century music. The second semester presents modern traditions, including American jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip hop. The course explores the history of music, from the surviving examples of rudimentary musical forms to contemporary pieces from around the world.

A student “performance practicum” is required for full credit each semester to comply with certain state standards for the arts. The performance practicum requirement can be met through participation in supervised instrumental or vocal lessons, church or community choirs, community musical performances, or any other structured program that meets at regular intervals and provides opportunities for students to build vocal and/or instrumental skills. Parents or guardians will be required to present their student’s proposed practicum to the teacher for approval and to validate their student’s regular participation in the chosen performance practicum.

## Mythology and Folklore ●

Mighty heroes. Angry gods and goddesses. Cunning animals. Since the first people gathered around fires, mythology and folklore have been used to make sense of humankind and our world. Beginning with an overview of mythology and different kinds of folklore, students journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters overcome those stronger than themselves. They explore the universality and social significance of myths and folklore, and see how these are still used to shape society today.

## Personal Finance ●

In this introductory finance course, students learn basic principles of economics and best practices for managing their finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper knowledge of capitalism and other systems to better understand their role in society’s economy.

## Physical Education ●

This pass/fail course combines online instructional guidance with student participation in weekly cardiovascular, aerobic, muscle-toning, and other activities. Students fulfill course requirements by keeping weekly logs of their physical activity. The course promotes the value of lifetime physical activity and includes instruction in injury prevention, nutrition and diet, and stress management. Students may enroll in the course for either one or two semesters, and repeat for further semesters as needed to fulfill state requirements.

# Electives

## Probability and Statistics ●

Students learn counting methods, probability, descriptive statistics, graphs of data, the normal curve, statistical inference, and linear regression. Proficiency is measured through frequent online and offline assessments as well as asynchronous discussions. Problem-solving activities provide an opportunity for students to demonstrate their skills in real-world situations.

## Programming Logic and Design ●

This course prepares student programmers for success by teaching them the fundamental principles of developing structured program logic. This course takes a unique, language-independent approach to programming, with a distinctive emphasis on modern conventions, and prepares students for all programming situations with introductions to object-oriented concepts, UML diagrams, and databases.

## Psychology ●

In this one-semester course, students investigate why human beings think and act the way they do. This is an introductory course that broadly covers several areas of psychology. Instructional material presents theories and current research for students to critically evaluate and understand. Each unit introduces terminology, theories, and research that are critical to the understanding of psychology and includes tutorials and interactive exercises. Students learn how to define and use key terms of psychology and how to apply psychological principles to their own lives. Units include Methods of Study, Biological Basis for Behavior, Learning and Memory, Development and Individual Differences, and Psychological Disorders.

## Public Speaking ●

Students are introduced to public speaking as an important component of their academic, work, and social lives. They study public speaking occasions and develop skills as fair and critical listeners, or consumers, of spoken information and persuasion. Students study types of speeches (informative, persuasive, dramatic, and special occasion), read and listen to models of speeches, and prepare present their speeches to diverse audiences. Students learn to choose speaking topics and adapt them for specific audiences, to research and support their ideas, and to benefit from listener feedback. They study how to incorporate well-designed visual and multimedia aids in presentations and how to maintain a credible presence in the digital world. Students also learn about the ethics of public speaking and about techniques for managing communication anxiety.

## Python Programming ●

This course presents essential computer science topics, while also instructing on the Python programming language. Python is easy to learn and scales well to advanced applications. The course is engaging and brings the relevance of the concepts and applications from the text to the real world. Hands-on labs teach students to write and run code in an Integrated Development Environment (IDE) from their web browser. A chatbot provides hints and feedback when students get stuck, which encourages persistence through on-demand assistance.

# Electives

## Skills for Health ●

This course focuses on important skills and knowledge in nutrition; physical activity; the dangers of substance use and abuse; injury prevention and safety; growth and development; and resources for personal health, environmental conservation, and community health. The curriculum is designed around topics and situations that engage student discussion and motivate students to analyze internal and external influences on their health-related decisions. The course helps students build the skills they need to protect, enhance, and promote their own health and the health of others.

## Sociology I ●

The world is becoming more complex. How do your beliefs, values, and behavior affect the people around you and the world in which you live? Students examine social problems in the increasingly connected world, and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys to an array of areas in the sociological world are an essential component of this relevant and engaging course.

## Sports and Entertainment Marketing ●

In this course, students have the opportunity to explore basic marketing principles and delve deeper into the multi-billion-dollar sports and entertainment marketing industry. Students learn how professional athletes, sports teams, and well-known entertainers are marketed and how some of them become billionaires as a result. For students who have wondered about how things work behind the scenes of a major sporting event, like the Super Bowl—or entertained the idea of playing a role in such an event—this course introduces the fundamentals of such a career.

## Web Design ●

This course provides a comprehensive introduction to the essentials of web design, from planning page layouts to publishing a complete site to the web. Students learn how to use HTML to design their own web pages. The course covers basic HTML tags for formatting text as well as more advanced tags. Through real-world design scenarios and hands-on projects, students create compelling, usable websites using the latest suite of free tools.

# Credit Recovery – English

## American Literature

Students sharpen their reading comprehension skills and analyze important themes in classic and modern works of American literature. They review effective strategies for written expression. They develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics. Diagnostic tests assess students' current knowledge and generate individualized study plans so students can focus on topics that need review.

## British and World Literature

This course engages students in selections from British and world literature from the ancient world through modern times. They practice analytical writing and have opportunities for creative expression. Students also practice critical reading and writing test-taking skills. Diagnostic tests assess students' current knowledge and generate individualized study plans so students can focus on topics that need review.

## English 9

The course includes engaging and interactive instruction about reading, writing, speaking and listening, and language—with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 9. Students also learn about the formal writing process as they write a literary analysis essay.

## English 10

The course includes engaging and interactive instruction about reading, writing, speaking and listening, and language—with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 10. Students also learn about the formal writing process as they write a literary analysis essay.

# Credit Recovery – Math

## Algebra I

The Algebra I Credit Recovery course leads students from their proficiency and understanding of numbers and operations into the mathematics of algebraic thinking. Building on pre-algebra skills developed in middle school, students deepen their understanding of linear expressions and equations, linear inequalities, and coordinate graphing. They then explore and learn about the function concept, radical expressions, exponential expressions and functions, quadratic functions, systems of equations, factoring and roots of equations, and basic statistical analysis.

## Algebra II

The Algebra II Credit Recovery course builds on the mathematical proficiency and reasoning skills developed in Algebra I and Geometry to lead students into advanced algebraic work. The course emphasizes the concept of functions throughout. Sandwiched between short forays into probability and statistics is a thorough treatment of linear, quadratic, higher-degree polynomial, exponential, logarithmic, and trigonometric functions, with emphasis on analysis, problem-solving, and graphing. Toward the end of the course, an introduction to sequences and series is presented in preparation for future work in mathematics.

## Geometry

The Geometry Credit Recovery course combines mathematical reasoning and proof with an extension of students' algebraic development in geometric contexts. The course focuses primarily on two-dimensional shapes in the Euclidean plane. Starting with segments and angles, students develop an understanding of and work through problems and proofs involving congruence, similarity, parallel and perpendicular lines, quadrilaterals, and circles. Toward the end of the course, time is also spent extending the treatment of triangles into basic trigonometry concepts and providing students with a detailed taste of analytic geometry by developing and using the equation of a circle in the coordinate plane.

## Credit Recovery – Science

### Biology

Topics include the scientific method, characteristics of living things, energy, organic compounds, and water. Students review the structure and function of living things, the cell, genetics, DNA, RNA, and proteins. They study evolution and natural selection; digestive, respiratory, nervous, reproductive, and muscular systems; and ecology and the environment. Diagnostic tests assess students' current knowledge and generate individualized study plans so students can focus on topics that need review.

### Chemistry

Students review concepts of matter, energy, the metric system, and the scientific method. Other topics include the atom; the periodic table; ionic and covalent bonds; chemical reactions; stoichiometry; gases, liquids, and solids; solutions; and acids and bases. Students review chemical thermodynamics, reaction rates and system equilibria, electrochemical processes, organic chemistry and biochemistry, and nuclear chemistry. Diagnostic tests assess students' current knowledge and generate individualized study plans so students can focus on topics that need review.

### Earth Science

This course provides students with a robust earth science curriculum. Students learn how the earth works, how it changes, and its place in the universe. They become familiar with the terminology, concepts, and practical applications of earth science and explore topics in geology, meteorology, oceanography, astronomy, and scientific methods. Diagnostic tests assess students' current knowledge and generate individualized study plans so students can focus on topics that need review.

### Physical Science

Students explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. They review strategies for describing and measuring scientific concepts. Diagnostic tests assess students' current knowledge and generate individualized study plans so students can focus on topics that need review.

# Credit Recovery – Social Studies

## American Government

This one-semester course covers the historical backgrounds, governing principles, and institutions of the government of the United States. The focus is on the principles and beliefs that the United States was founded on, and on the structure, functions, and powers of government at the national, state, and local levels. In American Government, students examine the principles of popular sovereignty, separation of powers, checks and balances, republicanism, federalism, and individual rights. They also learn about the roles of individuals and groups in the American political system. Students compare the American system of government with other modern systems and assess the strengths and problems associated with the American version.

## Economics ●

In this one-semester course, students gain a basic understanding of economics. The course uses real-world economic applications to help students better grasp a range of economic concepts, including macro- and microeconomic concepts. The course covers the American free enterprise system and addresses how this system affects the global economy. Students learn how to think like economists as they study economic principles and different economic systems. They analyze and interpret data to understand the laws of supply and demand. Examining the world of business, money, banking, and finance helps students understand how economics is applied domestically and globally.

## Geography

This course examines a broad range of geographical perspectives covering all of the major regions of the world. Each area is reviewed in a similar structure so that students can see the similarities and differences between regions. Specifically, the course explores the location of each region along with its physical characteristics, including absolute and relative position, climate, and significant geographical features. The course closely examines the human impact on each region from cultural, economic, and political perspectives. Students take diagnostic tests that assess their current knowledge and generate individualized study plans, so students can focus on topics that need review. Audio readings and vocabulary lists in English and Spanish support reading comprehension.

## U.S. History

Students review the rise of European nations and the Age of Exploration; the founding of the American colonies; the American Revolution; and the Declaration of Independence, the Articles of Confederation, and the Constitution. Other topics include the Civil War, migration across the Great Plains, immigration to American shores, and the rise of new ways of manufacturing. Students review the early years of the modern age, the rise of modern cities, and our current political system; the world wars; the Depression and the New Deal; the Cold War; Vietnam; the opposing ideologies of conservatives and liberals; September 11, 2001; and the resultant changes in American world and domestic policies. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.



# Credit Recovery – Social Studies

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## **World History**

World History is a survey of world history from prehistoric to contemporary times. Students learn about the socioeconomic, political, and ideological conditions of various periods as they study historical events, cultural achievements, and world regions. Using primary and secondary sources, students employ critical-thinking and problem-solving skills as they conduct inquiry-based research, participate in interactive discussions, and complete assignments establishing real-world connections. By the end of the course, students can articulate the relationship between historical occurrences and contemporary situations. They can also predict how contemporary issues will affect future generations based on historical evidence.

## Credit Recovery – Electives

### Health ●

This one-semester credit recovery course provides students with information that will help them live a more healthy and productive life. The emphasis is on making healthy personal decisions and getting the information needed to make those choices. The course addresses both mental and physical health. Students learn about nutrition, including food guidelines and types of food; eating disorders are also covered. Students learn about first aid and CPR, substance abuse, and human sexuality. The course also covers consumer health resources, including government resources, nonprofit resources, and health insurance. Students learn how technology is influencing healthcare, and they examine the benefits of frequent physical exercise.

### Physical Education ●

Through this one-semester credit recovery course, students learn a wide variety of fitness concepts that they will be able to use in their everyday life. The course addresses the fundamentals of physical fitness, including goal setting and target heart rate. Students learn about how their body works by studying static and dynamic balance, linear and rotary motion, anatomy, and biomechanics. They are introduced to a variety of lifetime activities, including tennis, golf, Frisbee, and orienteering. They also learn about activities to promote cardiorespiratory fitness, including kickboxing, hip-hop dance, fitness walking, and cycling. Pilates, yoga, and breathing exercises that help promote physical and emotional wellness are addressed as well.

# Math

## Math 6

In this Grade 6 Summit mathematics course, students deepen their understanding of multiplication and division of fractions to apply their knowledge to divide fractions by fractions, with an additional focus on increasing efficiency and fluency. Students gain a foundation in the concepts of ratio and rate as an extension of their work with whole number multiplication and division, and in preparation for work with proportional relationships in Grade 7. Students also make connections among area, volume, and surface area, and continue to lay the groundwork for deep algebraic understanding by interpreting and using expressions and equations.

## Math 7 (Pre-Algebra)

In this Grade 7 Summit mathematics course, students focus on real-world scenarios and mathematical problems involving algebraic expressions and linear equations, and begin to apply their understanding of rational numbers with increased complexity. The course lays the foundation for exploring concepts of angle, similarity, and congruence—more formally addressed in Grade 8—as students work with scale drawings and construct and analyze relationships among geometric figures. Students also develop and apply understandings of proportional relationships.

## Math 8

The Grade 8 Summit mathematics course prepares students for more advanced study in algebra as students solve linear equations and systems of equations, work with radical and integer exponents, gain conceptual understanding of functions, and use functions to model quantitative relationships. To prepare students for more advanced study in geometry, the course emphasizes the Pythagorean theorem and a deepening exploration of similarity and congruence.

# English/Language Arts

## Language Arts 6

This course equips students with the essential language arts skills needed throughout their academic careers. Students read and analyze a variety of informational and fictional texts. Instruction and reading strategies accompany reading selections to help engage students in the text and sharpen their comprehension. Students express their ideas and knowledge using standard (formal) English in written and oral assignments. Writing expressive, analytical, and procedural compositions helps students develop communication skills necessary in today's world. Vocabulary is taught explicitly and through an array of vocabulary acquisition strategies that give students the tools to increase their vocabulary independently. Students study grammar, usage, and mechanics, and practice sentence analysis, sentence structure, and proper punctuation. Setting goals, self-monitoring progress, and reflecting on successes and challenges help students become metacognitive learners. The course includes discussion activities that engage students in the curriculum while creating a sense of community.

## Language Arts 7

This course continues the development of comprehension and analysis of informational and fictional texts with an ongoing emphasis on reading strategies. Students express themselves using standard (formal) English in written and oral presentations. Analyzing and practicing the form and structure of various genres of writing enhances students' communication skills. Students study a variety of media to understand informational and persuasive techniques, explicit and implied messages, and how visual and auditory cues affect messages. Grammar, usage, and mechanics skills are deepened. Students continue to widen their vocabulary and apply acquisition strategies. Setting goals, self-monitoring progress, and reflecting on successes and challenges help students become metacognitive learners. The course includes discussion activities that engage students in the curriculum while creating a sense of community.

## Language Arts 8

Throughout this course, students engage in literary analysis and close reading of short stories, poetry, drama, novels, and informational texts. The course focuses on the interpretation of literary works, analysis of informational texts, and the development of oral and written communication skills in standard (formal) English. Students read "between the lines" to interpret literature and go beyond the text to discover how the culture in which a work of literature was created contributes to the theme and ideas it conveys. Analyzing the structure and elements of informational texts and media helps students develop the skills needed for academic success and navigating the world. Students continue to acquire knowledge and skills in grammar, usage, mechanics, and vocabulary. Setting goals, self-monitoring progress, and reflecting on successes and challenges help students become metacognitive learners. The course includes discussion activities that engage students in the curriculum while creating a sense of community.

# Science

## Earth Science

The Earth Science curriculum builds on the natural curiosity of students. By connecting them to the beauty of geological history, the diverse landforms around the globe, the nature of the sea and air, and the newest discoveries about our universe, the curriculum gives students an opportunity to relate to their everyday world. Students explore topics such as the fundamentals of geology, oceanography, meteorology, and astronomy; Earth's minerals and rocks; Earth's interior; plate tectonics, earthquakes, volcanoes, and the movements of continents; geology and the fossil record; the oceans and the atmosphere; and the solar system and the universe.

## Life Science

The Life Science curriculum invites students to investigate the world of living things—at levels both large and small—by reading, observing, and experimenting with aspects of life on Earth. Students explore our planet's numerous—and wondrous—organisms, the complex workings of the cell, the relationship between living things and their environments, and discoveries in the world of modern genetics. Practical lesson activities help students discover how scientists investigate the living world. Students perform laboratory activities and a full-unit investigation to learn about the application of scientific methods.

## Physical Science

The Physical Science curriculum introduces students to many aspects of the physical world, focusing first on chemistry and then on physics. The course provides an overview of the physical world and gives students tools and concepts to think clearly about atoms, molecules, chemical reactions, motion, electricity, light, and other aspects of chemistry and physics. Among other subjects, students study the structure of atoms; the elements and the periodic table; chemical reactions; forces, including gravitational, motion, acceleration, and mass; and energy, including light, thermal, electricity, and magnetism.

# Social Studies

## World History I (6th)

In this first part of a survey of world history from prehistoric to modern times, online lessons and assessments complement The Human Odyssey, an ebook series developed and published by K12. This course focuses on the development of civilization across 12,000 years: from the Ice Age to the Middle Ages, from cave paintings to stained glass windows, from crude huts to Gothic cathedrals. The course introduces geography concepts and skills as they appear in the context of the historical narrative.

## World History II (7th)

Continuing a survey of world history from prehistoric to modern times, FuelEd online lessons and assessments complement the second volume of The Human Odyssey, an ebook series developed and published by K12. This course focuses on the story of the past, from the 15th century to 1914 and the beginning of World War I. The course is organized chronologically and, within broad eras, regionally. Lessons explore developments in religion, philosophy, the arts, and science and technology. The course introduces geography concepts and skills as they appear in the context of the historical narrative.

## American History (8th)

This course builds on the concepts of geography, civics, and political societies, beginning with the world as it was in the 1500s. Periods and events covered in American History include the exploration of the New World, the establishment of the American colonies, the colonial era leading up to the French and Indian War, the Revolutionary War, the development of American government, the War of 1812, the Louisiana Purchase, the Lewis and Clark exploration, Manifest Destiny, and the Mexican War. Students also explore immigration and abolition issues, the Civil War and Reconstruction, westward expansion, the development of the United States as a world power, World War I, the 1920s, the Great Depression, and World War II.

## Electives

### American Art I (6th)

American Art I introduces students to North American artists, cultures, and great works of art and architecture from pre-Columbian times through 1877. Students study and create various works, both realistic and abstract, including sketches, masks, architectural models, prints, and paintings. They investigate the art of the American Indians and Colonial and Federal America, and create artworks inspired by works they learn about using a variety of materials and techniques. For example, after studying John James Audubon's extraordinary paintings of birds, students make bird paintings with realistic color and texture.

### World Art I (7th)

This course is designed to complement World History I. Following the same historical timeline, lessons include an introduction to the artists, cultures, and great works of world art and architecture from ancient through medieval times. Students investigate how artists from different civilizations used various techniques, from painting to mosaic; examine elements of design and styles of decoration, from the spiral to the solar disk; and explore some of the best-preserved works from ancient tombs, including the treasures of Egypt's King Tut.

### World Art II (8th)

This course is designed to complement World History II. Following the same historical timeline, lessons include an introduction to the artists, cultures, and great works of world art and architecture from the Renaissance through modern times. Students study various works of art from the Renaissance and beyond; discover great works of art and see how they influenced later artists; compare and contrast works from many civilizations, from paintings to sculpture, architecture, book covers, prints, and more; and create artworks inspired by works they learn about.

### Career Explorations I

Intended for students in grade 8, this one-semester course provides an overview of careers available today and helps students identify careers that may suit them. Course content covers the importance of work to individuals and society; the difference between a job and a career; identifying personal strengths, weaknesses, and interests and applying them to possible careers; the importance of proper work etiquette; and an exploration of various careers in several career clusters. Students complete self-evaluations to determine which careers may be of interest to them. Assignments, including research and interviews, supplement the instructional content and provide a hands-on approach to creating a career plan for the future.

### Career Explorations II

In the second semester, students explore more careers and what it takes to succeed in them. They learn more about what steps to take to prepare for careers and how to compare the pros and cons of different career choices.

## Electives

### Health 6

This one-semester course for sixth-graders provides students with the knowledge and skills necessary for making healthy choices throughout their lives. In Health 6, students learn how to recognize unhealthy and risky behaviors, manage peer pressure, and develop strategies for improving personal and community health. They also gain an understanding of the many different influences on one's health and the interrelationships that occur between mental, physical, social, spiritual, and environmental health. Students have opportunities to demonstrate the skills they've learned in healthy decision making, problem-solving, goal setting, effective communication, and refusal negotiation. Content is supplemented with vocabulary quizzes, discussion sessions with peers, interactive multimedia tutorials, lab activities, and interactions with the teacher.

### Health 7

Health 7 is a one-semester course for seventh-graders that builds on content introduced in Health 6. The course begins with a unit on personal and community health. The next unit, on prevention and strategies for risky health behaviors, includes topics such as alcohol and drug abuse, violence, STDs and HIV infection, and nutrition and exercise. The third unit covers factors influencing health practices, behaviors, and attitudes; in this unit, students explore social factors, environmental factors, the media, and resources for health information. The fourth unit presents content to help students develop their communication skills and coping mechanisms. The course concludes with a unit on decision making and life skills for healthy living.

### Health 8

Designed for the eighth grade, Health 8 gives students the knowledge and skills necessary to develop and maintain a healthy lifestyle. In this one-semester course, students learn health information and practices for understanding and managing many aspects of their physical, social, intellectual, spiritual, and emotional health throughout adolescence and into adulthood. Topics include nutrition; adolescent development; pregnancy and childbirth; the prevention of diseases, injuries, STDs, and AIDS; substances such as alcohol, drugs, tobacco, and steroids; anxiety disorders; relationships; responsibility; stress management; decision making; self-esteem; and consumer health. Vocabulary quizzes, discussion sessions with peers, interactive tutorials, lab activities, and interactions with the teacher supplement the instructional content.

### Physical Education 6

The sixth-grade physical education course introduces students to health-related fitness components, dance, team sports, and lifetime activities. Students learn the essential principles to live a healthy, active lifestyle. The lessons give students exposure to many activities that can be incorporated into their daily lives today, tomorrow, and in the future.



## Electives

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### Physical Education 7

In the seventh-grade physical education course, students are exposed to diverse activities and learn a wide variety of fitness concepts that they can use in their everyday lives. Students learn skills for lifelong activities, such as strength training and power walking, as well as several options for aerobic activities. They can measure their progress and accomplishments through the completion of fitness tests. On completing this course, students will know how to stay fit and active well beyond middle school.

### Physical Education 8

In the eighth-grade physical education course, students are exposed to various physical activities and fitness concepts that contribute to their overall physical activity level. Students learn a multitude of skills that will accompany them throughout their lives. Skills and concepts include target heart rate, the basics of fitness testing, goal setting, flexibility, aerobic/anaerobic exercise, strength training, and other individual games and activities, as well as team sports. This course gives students fitness knowledge and skills that can be incorporated into their lives now and in the future.

# Language Arts

## Language Arts K

This Kindergarten Language Arts course will teach students to identify and write all letters, produce letter sounds and also frequently used phonograms. Students will also master weekly sight words and reading and comprehension strategies to grow as readers. All Common Core K LA standards are met in this course.

## Language Arts 1

This First Grade Language Arts course will teach students to identify and write all letters, produce letter sounds and also frequently used phonograms. Students will also master weekly sight words and reading and comprehension strategies to grow as readers. All Common Core 1 LA standards are met in this course.

## Language Arts 2

The 2nd Grade Language Arts course will teach students to spell and write vocabulary, read more fluently, apply grammar concepts, and participate in handwriting and writing activities through thematic units. Students will also continue to master weekly sight words and reading and comprehension strategies to grow as readers. All Common Core 2 LA standards are met in this course.

## Language Arts 3

During the first semester students will continue to build their vocabulary through the study of folktales, fables, myths, informational text, dramas, poems, and stories. They will recount stories and ask and answer questions to demonstrate their knowledge of text. They will compare and contrast themes, setting and plots and distinguish their own point of view from that of the author of the text. Students will also gain information from illustrations and describe logical connections between sentence and paragraphs. They will also be introduced to writing in cursive.

During the second semester students will continue to apply phonics and grammar concepts with a focus on special vowel sounds, prefixes, and suffixes. Students will continue to build writing skills by responding to reading and utilizing a broadened vocabulary in authentic writing activities where they compare and contrast stories and use process writing to compose original work. They will read with accuracy and fluency to support comprehension as they solidify their understanding within context of the stories they read. By the end of the year, our third-grade student will read and comprehend informational texts, including history/social studies, science, and technical texts independently and proficiently. Students will report on a topic using descriptive details and speaking clearly and in complete sentences.

# Language Arts

## Language Arts 4

### Semester A

The 4th grade Language Arts curriculum integrates reading, writing, speaking, listening, and the study of vocabulary and grammar in a way that engages today's learners and supports them in building a broad and diverse set of literacy skills. Students study classic literature as well as more contemporary forms, including media and multimedia products. Writing assignments in semester A focus on narrative and persuasive modes and emphasize the use of reasoning and details to support opinions. Each writing assignment spans several lessons and guides students through a writing process that begins with prewriting and ends by emphasizing one or more aspects of conventions of standard written English. Students also learn how to participate in collaborative discussion and peer review sessions. In each lesson, engaging and relevant models and step-by-step instruction guide students toward mastery and appreciation of 21st century communication in all its forms and functions.

### Semester B

Like semester A, semester B provides an integrated curriculum. Whereas the first semester focuses on skills needed to read fiction and other literary prose, semester B teaches specific skills for reading poetry, drama, informational text. In the second semester of the course, students learn how informational text differs from literary text and how different forms of information text differ from each other. Writing assignments emphasize expository writing and guide students through research projects. Near the end of the semester, students learn how to present information orally and using multimedia.

## Language Arts 5

### Semester A

The 5th grade Language Arts curriculum integrates reading, writing, speaking, listening, and the study of vocabulary and grammar in a way that engages today's learners and supports them in building a broad and diverse set of literacy skills. Students study classic literature as well as more contemporary forms, including media and multimedia products. Writing assignments in semester A focus on narrative and persuasive modes and emphasize the use of reasoning and details to support opinions. Each writing assignment spans several lessons and guides students through a writing process that begins with prewriting and ends by emphasizing one or more aspects of conventions of standard written English. Students also learn how to participate in collaborative discussion and peer review sessions. In each lesson, engaging and relevant models and step-by-step instruction guide students toward mastery and appreciation of 21st century communication in all its forms and functions.

### Semester B

Like semester A, semester B provides an integrated curriculum. Whereas the first semester focuses on skills needed to literary text, semester B focuses on skills for reading and analyzing informational text. In the second semester of the course, students learn how informational text differs from literary text and how different forms of information text differ from each other. Writing assignments emphasize expository writing and guide students through research projects. Near the end of the semester, students learn how to present information orally and using multimedia.

# Math

## Math K

### Semester A

During the first semester students will learn foundational math facts. They will learn to count to 12, how to compare sizes, ordinal numbers putting items in order, what a number line is and its uses, basic measurements such as inches and feet, and how to tell time on digital and analog clocks.

Students will have many opportunities to practice these new concepts by interacting with online confirmation exercises and filling out worksheets off line.

A special emphasis this semester is for students to have fun with numbers, finding success with concepts such as bigger and smaller and being comfortable in an online environment.

### Semester B

Students learn to count to twenty. They work with comparing objects using the terms tall, longer, and shorter as well as comparing two objects using the terms lighter and heavier. They will continue their exploration of basic geometric shapes such as cones and spheres. They will work with the concept of first, middle, and last.

Arranging and sorting receive special emphasis this semester. Students will also work on writing numbers with 3, 4, and 5 given special attention. Students will learn the concepts of left and right. Coins are also a focus as students will count pennies, nickels and dimes. Finally, the number 7 is studied using the colors of the rainbow.

Projects include making paper fingers and thumbs and creating designs with them. They will also make the numbers 1-10 out of dough.

## Math 1

### Semester A

During the first semester students will build fluency with basic math facts. They will learn to count to 100, basic addition and subtraction facts, and how to add double-digit numbers. Students will be introduced to such new concepts as word problems, Venn diagrams, and basic geometric concepts.

There is an emphasis on learning practical skills such as reading thermometers, looking at maps, and understanding the value of coins.

Students will have multiple opportunities to practice new skills and knowledge through using integrated online practice problems.

### Semester B

During the second semester students will begin counting by twos, fives, and tens. They will learn both vertical addition and subtraction. Students are introduced to multiplication and division and the signs used in those operations. They will also study even and odd numbers.

Students continue their exploration of geometric shapes through drawing and apply what they learn about shapes by sorting various figures in Venn diagrams. They will also use a balance beam to understand the concept of weight – lighter versus heavier.

As in semester A, students will have multiple opportunities to practice new skills and knowledge through using integrated online practice problems.

# Math

## Math 2

### Semester A

During the first semester students will build fluency with basic math facts and add and subtract within 100 to solve word problems using strategic methods. Students will also manipulate numbers to 1000 using knowledge of hundreds, tens, and ones. Lastly, students will demonstrate arrays with repeated addition.

### Semester B

During the second semester students will use place value to add and subtract within 1000. They will use place value to estimate and solve word problems to demonstrate skills. Students will measure and compare length and represent it on a number line. They will work with money and time to compare value. Students will collect data and represented on graphs to discuss it. Lastly, they will recognize common 2 dimensional and 3 dimensional shapes by specific characteristics.

## Math 3

### Semester A

During the first semester, students will build flexibility with numbers as they master addition and subtraction facts as well as multiplication and division facts. Students will understand relationships between addition and subtraction, multiplication and addition and multiplication and division as they learn to borrow, carry, and regroup in order to find sums and differences of two whole numbers up to 10,000. Students will also comprehend the place value of base ten numbers up to 1,000,000 in order to find patterns and make estimations. Lastly, they will implement a 4-step approach to solving problems and express numbers differently including translating them into Roman Numerals or expressing them as ordinal numbers.

### Semester B

During the second semester, students will explore concepts of measurement including linear measurement, weight, volume, temperature, and time. They will also recognize, compare, and convert fractions. Students will write amounts of money and make change using as few coins as possible. Lastly, students will examine lines, polygons, and solid figures as they are introduced to basic concepts of geometry.

# Math

## Math 4

### Semester A

Grade 4 math uses a varied amount of instructional material to reinforce and teach new math skills to the 4th grade learners. Instruction includes creative videos, mathematical storytelling, practical math applications and repetition to reinforce skills throughout the course. Three areas are focused on and students will finish the course with a strong knowledge in these content areas. The first is developing an understanding and fluency with multi-digit multiplication, and developing the understanding of dividing to find quotients involving multi-digit dividends. The second is developing an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, and multiplication of fractions with whole numbers. The third will be addressed in semester B.

### Semester B

Semester B of grade 4 math has learners continuing to work with fractions. They will learn to multiply fractions and convert them to decimals. Students will also begin to learn to equivalent measurements of length, weight, mass, and capacity. They will also learn helpful skills in understanding time, distance, and money. Students will develop an understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry. Lessons on rectangles, line plots, angles, figure drawing, polygons, and symmetry will be taught. Semester B continues to use varied forms of instruction that allow students to learn these skills in a practical manner.

## Math 5

### Semester A

Students will learn math topics outlined in this course drawing from a variety of sources, including hands-on activities, interactive lessons, and practical math applications. Students will focus on several critical areas including but not limited to developing fluency with addition, subtraction, multiplication, and division of fractions. They will also learn to extend division to 2-digit divisors, integrate decimal fractions into the place value system, and increase an understanding of operations with decimals to hundredths. They will develop a fluency with whole numbers and decimal operations. The semester begins with operations and expressions, moves into decimals and money, and ends with more work on fractions. Learners will gain valuable skills as they carry out activities that model real life situations like grocery shopping throughout the semester.

### Semester B

Semester B begins with students continuing to work with fractions. The first lesson focuses on ratios and challenges students to solve word problems using fractions and ratios in practical life situations. Learners continue to strengthen their math skills by studying mixed and fraction products, and fraction application, models, and division. The third critical area that students will focus on in Grade 5 Math is volume. Students will receive lessons in measurement of length, weight, and volume. They will end the course with a focus on geometry. Varied types of instruction are used to enhance their learning, including video and real life applications, activities, and creative projects.

# Science

## Science K

### Semester A

In Kindergarten Science, students in this course will use their senses to explore their world. Students experience nature walks, gardening, and imitative games by exploring varying concepts.

### Semester B

Students in this course will continue using their senses to explore their world. Students experience nature walks, gardening, and imitative games by exploring varying concepts.

## Science 1

### Semester A

In First Grade Science, students in this course will complete projects that are designed to allow for exploration and discovery. Students observe their surroundings and through observations of the natural world conduct inquiries into topics related to their healthy development.

### Semester B

Students in this course will complete projects that are designed to allow for exploration and discovery. Students observe their surroundings and through observations of the natural world conduct inquiries into topics related to their healthy development.

## Science 2

### Semester A

This course introduces students to the process of observation and how important it is to the study of science. Learners will identify their five senses and why they are critical to observation. Students will use these observation skills throughout the course as they examine many different types of animals and their environments. Students begin by observing ants in their own environments and continue onto learning the different types of birds. Students will come to understand plant and animal rhythms and will perform small experiments with plants. Stories will be used to teach the students about nature and interactions that humans have with nature. They will continue to learn about animals and their characteristics habitats, and needs. Students will learn through video, audio stories, hands-on participation and observation with nature. The teachers will conduct live assessments for the topics that had been covered throughout the week's lessons. Grade 2 Science provides students with the opportunity to expand their minds and see for themselves the way that animals and nature are a part of their everyday lives.

### Semester B

Semester B of Second Grade Science begins with the students learning the characteristics of the Weaverbird and Swiftlet bird. Learners will come to understand the different groupings of animals including those with vertebrates, invertebrates and warm and cold blooded animals, carnivores, herbivores and omnivores. Learners will be asked to recall the five senses that they discussed at the beginning of the course and compare them to the senses of animals. They will also learn how animals communicate and the relationship between animals and humans. The course ends with the students taking a closer look at the characteristics of reptiles, insects, birds of prey, and fish. At the close of the course students will have a deeper understanding and appreciation of animals and their habitats.

# Science

## Science 3

### Semester A

Third grade science introduces students to experimentation as they journey through the earth and its many miracles. They will begin by learning about the earth, the sun and the moon. By participating in simple experiments students will explore the water cycle, gravity, the weather and its patterns, various types of terrain, and the role of plants in the production of oxygen and their importance to human survival. Learners will expand their knowledge through video, pictures, short readings, projects, and hands on experiments. Learners will understand that experiments require the use of instruments, observation, recording, and drawing evidence based conclusions. Grade 3 science provides students with the opportunity to expand their minds and see for themselves the way that science is a part of their everyday lives.

### Semester B

Semester B of third grade science begins with the students writing a poem about the seasonal cycles. The learners continue with root formation, the interdependence of plants and humans, biomes of land and sea, extreme weather, rocks, vertebrates and invertebrates, as well as extinction. All of these lessons are taught using video, projects, and experimentation. Semester B asks learners to look a bit deeper into things they encounter such as the ocean and weather.

## Science 4

### Semester A

Grade 4 Science includes the three main domains of science which are physical, life, and earth and space science. Learners will use various kinds of experimenting, including field studies, systematic observations, models, and controlled experiences. The course begins with the explanation of the scientific method which the students continue to use and build upon throughout the course. The big picture of the earth is examined as students review the life on planet earth, salt and fresh water, and fast and slow changes that occur on the planet. Students go beyond planet earth, though, as they study galaxies, the solar system and other planets. Students examine the ways that forces and motion can be measured and the concept that a single kind of matter can exist as a solid, liquid or gas. Grade 4 science uses many modes of instruction including video presentations, enrichment activities, and hands-on experimentation.

### Semester B

Semester B of Grade 4 Science focuses on the relationship between heat, light, sound, and electrical energy and the way they can be transferred between each other. Learners distinguish between natural objects and objects made by humans as they examine technology and the role it plays in science. Students also look at life cycles of animals, plants, and humans and how they interact with each other. The course ends by looking at the ways that humans interact with the environment. Students will use research skills, watch videos, and get their hands dirty as they complete projects that require them to dig through dirt and trash in order to learn broader lessons that have to do with helping the environment.



# Science

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## Science 5

### Semester A

Grade 5 Science continues to build on the science skills that have been obtained in years previous. There will be an emphasis on earth and space science, life science, and physical science. Students will begin the course by focusing on earth and space science by looking at the solar system and planets. Students will come to an understanding of the concept of the earth as a sphere and the earth's place in the solar system. The course continues with a focus on physical science and the different tools that can measure force, time, and distance. They will also grow in their understanding of how light and sound travel and interact with each other as well as the different types of energy. The semester concludes with a look into life science and the ways that organisms are interconnected. Instruction will include real life application, hands-on projects and assessments, and video and short research projects.

### Semester B

Semester B puts great emphasis on life science and begins by focusing on the many ecosystems of the earth and the way that all parts of ecosystems depend on each other. Students will learn the different types of ecosystems that exist. They will learn that ecosystems change and how the changes affect their ability to support their populations. Learners will examine plants; that they have different structures and how those structures allow them to respond to different needs. Students will also grow in their understanding of the importance of good nutrition to all living organisms. The course concludes with a look into the scientific process and the importance of investigations and conclusions in the study of science. Instruction will include real life application, hands-on projects and assessments, and video and short research projects.

# Social Studies

## Social Studies K

### Semester A

This course introduces students to their place in the community and the responsibilities of being a member of society. Great figures of U.S. history such as Pocahontas, George Washington and Abraham Lincoln are a focus of learning in this semester. Students will also learn about everyday heroes, the responsibilities of pet ownership, the importance of rules, table manners, and eating well. A skill that students will practice throughout the semester is retelling stories. Students may do this by recording audio, retelling the stories orally, or writing their observations. They will learn how to use details and basics of narratives. Projects will help students think about what pets need and defining emotions.

### Semester B

In the second semester students are introduced to map reading skills. They will be taught to read maps of the U.S. and the world. From learning about location to how water is represented to floor plans, students are introduced to map skills that will last a lifetime. Students will also learn about symbols of the U.S. such as the American flag and the eagle. From there students learn about holidays with a particular focus on Thanksgiving. Another focus is on currency. They will be introduced to what money is, how money can be spent, the power of buying locally, and the difference between wants and needs. Projects will include a piece on distinguishing facts from fiction, buying locally, and focusing on the differences between needs and wants.

## Social Studies 1

### Semester A

In this semester, students begin to explore basic fundamentals of social studies including map skills, cardinal directions, and will begin to examine maps of the U.S. and the globe. Students will also be introduced to important figures from American history such as Pocahontas, George Washington, Abraham Lincoln, and Clara Barton. A skill that students will practice throughout the semester is retelling stories. Students may do this by recording audio, retelling the stories orally, or writing their observations. They will learn how to use details and basics of narratives. Students will also make maps of their homes, neighborhoods, as well as a personal timeline.

### Semester B

The second semester has a focus on introductory economics. They will study bartering, goods and services, jobs in the community, and how the marketplace works. Another focus is on positive character traits such as honesty, what the aspects of personal responsibility are, and how to help and respect others. Historic figures such as Clara Barton and characters from fiction and folklore are used as models for teaching positive traits. Students will continue practicing their five finger retelling skill with assignments on Martin Alonso (a sailor with Columbus) and George Washington. Projects will help students think about thoughtful words, showing respect, and being honest. Learners will write, draw, and perform in these projects.

# Social Studies

## Social Studies 2

### Semester A

In second grade, students in this course will begin to explore the basic fundamentals of social studies including culture, geography, and economics. Students will explore the Ancient Cultures of China, Africa, and the Celts. Students will explore these cultures through ancient folk tales and fables. Learners will create a photo book that describes the significant events in their own life. They will also examine the importance of geography and direction. Students will learn how to locate boundaries while using a world map. Students will identify the places that were discussed in the previous lessons including Africa, China, and the British Isles. They will develop a rudimentary understanding of map symbols as they locate continents, the equator, and oceans. Students will also learn to identify on a road map where they live, rivers, mountain ranges and lakes nearby their homes. Learners will follow a step-by-step approach for successfully completing each lesson, which includes storytelling, repetition, projects, arts and crafts, and videos.

### Semester B

The second semester begins by introducing learners to economics and the role that money plays in every civilization. They will take a closer look at the economy of the Celtic people. Students learn the difference between natural, human, and capital resources. Learners will begin to understand the exchange of money for goods and services. They will gain a basic understanding of what scarcity is and why it is good that we do not always get everything that we want. Students will understand these concepts by drawing upon their understanding of the desires/wishes in their own lives. Students will also learn about desirable human qualities through the use of fables such as “The Boy Who Cried Wolf.” Learners will look at individuals who have made a difference in the greater community. Students will learn about Rosa Parks and Susan B. Anthony through short stories. The end of the course asks learners to examine the diversity of the community they live in. They will be asked to recognize the different types of people around them. Students should gain an appreciation for the differences around them and how having respect for others and being honest will contribute to society as a whole. Learners will follow a step-by-step approach for successfully completing each lesson, which includes storytelling, repetition, projects, arts and crafts, and videos.

# Social Studies

## Social Studies 3

### Semester A

In third grade, social studies students will begin to explore the basic fundamentals of social studies including geography, civics, and economics. Learners will begin by looking at the beginning of civilization and examining the ancient Hebrew civilization, the Phoenicians, and the Kush tribe of ancient Africa. They will then move on to examining the Native American tribes of the Cherokee, Sioux, and Hopi. Students will also look at the first explorers of the Americas and learn about the beginning of the United States. In the first semester students will learn important geographical factors in the ancient civilizations, Native American tribes and in the developing United States. Students will increase their skills by creating maps and looking at the landscapes. They will take a close look at their own personal heritage by mapping their ancestry. Learners will follow a step-by-step approach for successfully completing each lesson, which includes storytelling, repetition, projects, arts and crafts, and videos.

### Semester B

The second semester begins with introducing learners to economics and the role that money plays in every civilization. Students learn the difference between natural, human, and capital resources. They also examine the production of goods, trade, specialization, and interdependence, and come to understand the importance that each individual plays in a society's economy. Learners are introduced to Civics by discussing the governmental structure of the Ancient Hebrews and Phoenicians. The purpose and importance of laws and how they are enacted as well as the establishment of government are shown through stories of the Ancient Phoenicians and Native Americans. The course ends by discussing the purpose and nature of government as it relates to the United States.

## Social Studies 4

### Semester A

In Semester A of Social Studies 4, students will explore the early development of the United States. Students will explore the early Native Americans and interactions with early European Settlers and the establishment of the American colonies and early American government. Students will learn about important documents in the founding of the United States and the establishment of rules and laws that has led to the formation of the federal and state governments as we know them today. Students will have the opportunity to explore their own state government and learn more about the rules and regulations that govern where they live.

### Semester B

In Semester B of Social Studies 4, students will expand on their learning from Semester B, and work their way through American History to post-WWII and science and inventions that started shaping the modern-day United States. Various concepts including economics, the environment, and American geography will be explored to give students a better idea of all the facets that shape American lives today.

# Social Studies

## Social Studies 5

### Semester A

Grade 5 Social Studies combines the study of United States History through the Civil War with a geographical exploration of the United States and what it has to offer. Students will use their understanding of social studies skills and concepts as they study the development of the United States. The first semester begins with early settlements of North America and allows learners to take an in-depth look into what life was like for colonists and Native Americans. Students will come to understand the causes of the Revolutionary War and the people that played a significant role in it. The semester ends with students examining the new nation and what life was like for European immigrants and those on the frontier. Students will learn through the use of video, journaling, and varied types of creative instruction.

### Semester B

Semester B begins with an exploration of the west and what life was like for those looking to find gold. Learners will then look at slavery and what led to the Civil War. The course then takes a departure from American history and takes a more in-depth look into cultures, people, and the geography of the United States from past to present. Learners will have the opportunity to explore the country region by region and come to appreciate all that it has to offer. Students will conclude the course by planning and describing a trip they would like to take to a particular place within the 50 United States. Students will take a hands-on approach as they get to know the geography, climate and culture of their country. Video, creative projects involving technology, journaling, and varied assessments will be used throughout the course.