



Hill Castle Course Catalog

KG-Grade 12



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LANGUAGE ARTS

KINDERGARTEN LANGUAGE ARTS - A & B

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.

Course Requirements

Grade Level - Kindergarten Duration 2 Semesters
Materials - None

1ST GRADE LANGUAGE ARTS- A & B

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.

Course Requirements

Grade Level - Kindergarten - 1st Grade
Duration - 2 Semesters
Materials - None

2ND GRADE LANGUAGE ARTS - A & B

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.

Course Requirements

Grade Level - 2nd Grade Duration - 2 Semesters
Materials - None

3RD GRADE LANGUAGE ARTS - A & B

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.

Course Requirements

Grade Level - 3rd Grade
Duration - 2 Semesters
Materials - None

4TH GRADE LANGUAGE ARTS - A & B

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.

Course Requirements

Grade Level - 4th Grade
Duration - 2 Semesters
Materials - None

5TH GRADE LANGUAGE ARTS - A & B

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.

Course Requirements

Grade Level - 5th Grade
Duration - 2 Semesters
Materials - None

MATH

KINDERGARTEN MATH - A & 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.

Course Requirements

Grade Level - Kindergarten

Duration - 2 Semesters

Materials - None

1ST GRADE MATH - A & B

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.

Course Requirements

Grade Level - 2nd Grade

Duration - 2 Semesters

Materials - None

2ND GRADE MATH – A & B

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. 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.

Course Requirements

Grade Level - 3rd Grade

Duration - 2 Semesters

Materials - None

3RD GRADE MATH – A & B

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.

Course Requirements

Grade Level - 3rd Grade

Duration - 2 Semesters

Materials – None

4TH GRADE MATH – A & B

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.

Course Requirements

Grade Level - 4th Grade

Duration - 2 Semesters

Materials - None

5TH GRADE MATH – A & B

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.

Course Requirements

Grade Level - 5th Grade

Duration - 2 Semesters

Materials - None

SCIENCE

KINDERGARTEN SCIENCE - A & B

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.

Course Requirements

Grade Level - Kindergarten

Duration - 2 Semesters

Materials - None

1ST GRADE SCIENCE – A & 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.

Course Requirements

Grade Level - 1st Grade

Duration - 2 Semesters

Materials – None

2ND GRADE SCIENCE – A & B

Second Grade Science 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.

Course Requirements

Grade Level - 2nd Grade

Duration - 2 Semesters

Materials - None

3RD GRADE SCIENCE – A & B

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 it's 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.

Course Requirements

Grade Level - 3rd Grade

Duration - 2 Semesters

Materials - None

4TH GRADE SCIENCE – A & B

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.

Course Requirements

Grade Level - 4th Grade

Duration - 2 Semesters

Materials - None

5TH GRADE SCIENCE – A & B

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.

Course Requirements

Grade Level - 5th Grade

Duration - 2 Semesters

Materials - None

SOCIAL STUDIES

KINDERGARTEN SOCIAL STUDIES- A & B

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.

Course Requirements

Grade Level - Kindergarten

Duration - 2 Semesters

Materials - None

1ST GRADE SOCIAL STUDIES - A & B

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, neighbourhoods, as well as a personal timeline.

Course Requirements

Grade Level - 1st Grade

Duration - 2 Semesters

Materials - None

2ND GRADE SOCIAL STUDIES - A & B

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.

Course Requirements

Grade Level - 2nd Grade

Duration - 2 Semesters

Materials - None

3RD GRADE SOCIAL STUDIES - A & B

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.

Course Requirements

Grade Level - 3rd Grade

Duration - 2 Semesters

Materials - None

4TH GRADE SOCIAL STUDIES - A & B

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.

Course Requirements

Grade Level - 4th Grade

Duration - 2 Semesters

Materials - None

5TH GRADE SOCIAL STUDIES - A & B

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.

Course Requirements

Grade Level - 5th Grade

Duration - 2 Semesters

Materials - None

ELECTIVES

3RD GRADE ART

The study of art in 3rd Grade begins by exploring the basics of art, including the elements of art and principles of design. In this integrated art course, students explore the many ideas and themes found throughout art history. Each Module advances students' art skills by requiring hands-on Projects, utilizing the skills studied and gained in each Lesson. Students utilize multiple art tools and technologies to produce a variety of mediums. Projects include creating drawings, paintings, prints, sculptures, ceramics, mixed media, installation art, digital art, and photography. The course concludes with an exploration of available art and career opportunities along with the creation of a professional art portfolio showcasing the work created throughout the course.

Course Requirements

Grade Level – 3rd Grade

Duration - 2 Semesters

Materials – None

4TH GRADE ART

The study of art in 4th Grade begins by exploring the basics of art, including the elements of art and principles of design. In this integrated art course, students explore the many ideas and themes found throughout art history. Each Module advances students' art skills by requiring hands-on Projects, utilizing the skills studied and gained in each Lesson. Students utilize multiple art tools and technologies to produce a variety of mediums.

Projects include creating drawings, paintings, prints, sculptures, ceramics, mixed media, installation art, digital art, and photography. The course concludes with an exploration of available art and career opportunities along with the creation of a professional art portfolio showcasing the work created throughout the course.

Course Requirements

Grade Level – 4th Grade

Duration - 2 Semesters

Materials – None

5TH GRADE ART

The study of art in 5th Grade begins by exploring the basics of art, including the elements of art and principles of design. In this integrated art course, students explore the many ideas and themes found throughout art history. Each Module advances students' art skills by requiring hands-on Projects, utilizing the skills studied and gained in each Lesson. Students utilize multiple art tools and technologies to produce a variety of mediums. Projects include creating drawings, paintings, prints, sculptures, ceramics, mixed media, installation art, digital art, and photography. The course concludes with an exploration of available art and career opportunities along with the creation of a professional art portfolio showcasing the work created throughout the course.

Course Requirements

Grade Level – 5th Grade

Duration - 2 Semesters

Materials - None

3RD GRADE MUSIC

The study of music in 3rd Grade focuses on basic sight-reading skills, performing folk dances, and learning the history of folk music in America. Students will learn to play songs in 2/4 and 4/4 time signatures on the soprano recorder. Virtual games teach students to listen for changes in dynamics, count the number of beats, and recognize where measures start and end. By the end of the year, students will know how to read music and play the recorder. They will also know how to clog-dance and how to behave during a formal music concert. The goal of the 3rd Grade Music course is to learn musical performance, active listening skills, and mindfulness in a fun and relaxed environment.

Course Requirements

Grade Level – 3rd Grade

Duration - 2 Semesters

Materials - None

4TH GRADE MUSIC

The study of music in 4th Grade opens the gateway into exciting development. Building upon the basics covered in 3rd Grade (while still teaching these basics in order to function as a stand-alone course), 4th Grade music allows students the opportunity to learn how music recording and distribution has changed over the years. Students will learn to conduct and play music on the

recorder in 2/4, 3/4, and 4/4 time signatures while also learning different musical forms. 4th Grade music has a focus on Texas heritage, noting the influence of Mexican-American, African-American, and European immigrant culture on the music and dancing of the state. Students will listen to great examples of music from a variety of instruments, historical recordings, and cultures as their understanding and respect for different varieties of music increases.

Course Requirements

Grade Level – 4th Grade

Duration - 2 Semesters

Materials - None

5TH GRADE MUSIC

The study of music in 5th Grade integrates singing into the student's musical experience. The 5th Grade course enhances sight singing skills by adding in new examples with different key signatures and compound time signatures. Musical form is taught through activities that allow students to express themselves and talk freely about the music and films they prefer, while also providing the critical vocabulary needed to describe this music in a more polished manner. Cultural representation is a key factor in 5th Grade Music, with African-American, Native- American, American Sign Language, and European immigrant representation. Students will finish the 5th Grade Music course with a greater understanding and appreciation for the music of the different cultures around them.

Course Requirements

Grade Level – 5th Grade

Duration - 1 Semester

Materials - None

LANGUAGE ARTS

6TH GRADE LANGUAGE ARTS - A & B

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

Course Requirements

Grade Level - 6th Grade

Duration - 2 Semesters

Materials – None

7TH GRADE LANGUAGE ARTS - A & B

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

Course Requirements

Grade Level - 7th Grade

Duration - 2 Semesters

Materials – None

8TH GRADE LANGUAGE ARTS - A & B

English 8 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and explanatory styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate clips and readings from speeches and discussions. In language lessons, students build foundational grammar skills they

need to articulate their ideas and understand challenging words.

Course Requirements

Grade Level - 8th Grade

Duration - 2 Semesters

Materials – None

ENGLISH FOUNDATIONS I – A & B^

English Foundations I supports adolescent literacy development at the critical stage between decoding and making meaning from text. Through intensive reading and writing skills instruction, deep practice sets, consistent formative feedback, graduated reading levels, and helpful strategy tips, the course leads students to improved comprehension and text handling. Semester 1 provides instruction in basic reading skills and vocabulary building. The student learns what a successful reader does to attack words and sentences and make meaning from them. Semester 2 provides instruction in basic writing skills, introduces academic tools, and demonstrates effective study skills. The student learns step-by-step processes for building effective paragraphs and learns how to use academic tools such as reference books and outlines. To provide additional support, the course uses text features and visual clues to draw students' attention to important information. The use of text features is also designed to help students internalize strategies for comprehending informational text.

Course Requirements

Grade Level - 6 - 8 , Remedial course

Duration - 2 Semesters

Materials – None

ENGLISH FOUNDATIONS II – A & B^

English Foundations II offers a year of skill building and strategy development in reading and writing. Semester one is a reading program designed to help struggling readers develop mastery in the areas of reading comprehension, vocabulary building, study skills, and media literacy. Semester two is a writing program which builds confidence in composition fundamentals by focusing on the areas of composing, grammar, style, and media literacy. Both semesters are structured around ten mini-units which offer interactive instruction and guided practice in each of the four learning strands. Students read for a variety of purposes and write for a variety of audiences. The workshops stress high interest, engaging use of technology, relevant topics, and robustly scaffolded practice. Students learn to use different types of graphic organizers as they develop and internalize reading and writing process strategies. They build confidence as they develop skills and experience success on numerous low stakes

assessments that encourage growth and reinforce learning.

Course Requirements

Grade Level - 6 - 8 , Remedial course

Duration - 2 Semesters

Materials - None

MATH

6TH GRADE MATH - A & B

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

Course Requirements

Grade Level - 6

Duration - 2 Semesters

Materials - None

7TH GRADE MATH - A & B

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

Course Requirements

Grade Level - 7

Duration - 2 Semesters

Materials - None

8TH GRADE MATH - A & B

Math 8 delivers instruction, practice, and review designed to develop computational fluency, deepen conceptual understanding, and apply mathematical practices. In this course, students focus on understanding functions — what they are, how to represent them in different ways, and how to write them to model mathematical and real-world situations. In particular, students investigate linear functions by learning about slope and slope-intercept form. Students' understanding of linear functions is extended to statistics, where they make scatter plots and use linear functions to model data. They solve linear equations and

equations involving roots, and explore systems of linear equations. Additional topics include exponents, powers of ten, scientific notation, and irrational numbers. Students learn about transformations, and extend that understanding to an investigation of congruence and similarity. Other geometric concepts explored include the Pythagorean theorem, angle relationships, and volumes of cylinders, cones, and spheres.

Course Requirements

Grade Level – 8

Duration - 2 Semesters

Materials – None

MATH FOUNDATION 1 – A & B[^]

Math Foundations I offers a structured remediation solution based on the NCTM Curricular Focal Points and is designed to expedite student progress in acquiring 3rd- to 5th-grade skills. The course is appropriate for use as remediation for students in grades 6 to 12. When used in combination, Math Foundations I and Math Foundations II (covering grades 6 to 8) effectively remediate computational skills and conceptual understanding needed to undertake high school-level math courses with confidence.

Course Requirements

Grade Level – Grade 6-12 Remedial Course

Duration - 2 Semesters

Prerequisites – None

MATH FOUNDATION 2 – A & B[^]

Based on the NCTM Curricular Focal Points, Math Foundations II is designed to expedite student progress in acquiring 6th- to 8th-grade skills. The course is appropriate for use as remediation at the high school level or as middle school curriculum. The program simultaneously builds the computational skills and conceptual understanding needed to undertake high school-level math courses with confidence.

Course Requirements

Grade Level – Grade 6-12 Remedial Course

Duration - 2 Semesters

Prerequisites – None

SCIENCE

6TH GRADE SCIENCE - A & B

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

Course Requirements

Grade Level - 6

Duration - 2 Semesters

Materials - None

7TH GRADE SCIENCE - A & B

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

Course Requirements

Grade Level - 7

Duration - 2 Semesters

Materials - None

8TH GRADE SCIENCE - A & B

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

Course Requirements

Grade Level - 8

Duration - 2 Semesters

Materials – None

SOCIAL STUDIES

6TH GRADE SOCIAL STUDIES – WORLD HISTORY - A & B

Middle School World History delivers instruction, practice, and review designed to build middle school students' knowledge of world history, from the Neolithic Revolution through the Middle Ages. By constantly honing their ability to analyse history, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test.

Course Requirements

Grade Level - 6

Duration - 2 Semesters

Materials – None

7TH GRADE SOCIAL STUDIES – US HISTORY - A & B

Middle School U.S. History delivers instruction, practice, and review designed to build middle school students' knowledge of U.S. history, from the peopling of North America through the era of Reconstruction. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content. By constantly honing their ability to analyse history, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test. belief.

Course Requirements

Grade Level - 7

Duration - 2 Semesters

Materials – None

8TH GRADE SOCIAL STUDIES – CONTEMPORARY WORLD - A & B

Middle School Contemporary World delivers instruction, practice, and review designed to build middle school students' knowledge of contemporary world geography, cultures, civics, and economics. By honing their ability to analyse the physical, social, and political forces that shape our world, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test.19th Century.

Course Requirements

Grade Level - 8

Duration – 2 Semesters

Materials – None

ELECTIVES

HOPE PHYSICAL EDUCATION A&B

Health Opportunities through Physical Education (HOPE) combines instruction in health and physical education in a full-year, integrated course. It focuses on developing skills, habits and attitudes to maintain a healthy lifestyle and applying lessons learned to physical fitness. Through active participation and real-world simulations, the course aims to demonstrate first-hand the value of conscientious lifestyle management.

Course Requirements

Grade Level – 6 - 8

Duration - 2 Semesters

Materials – None

NUTRITION*

This course takes students through a comprehensive study of nutritional principles and guidelines. Students learn about worldwide views of nutrition, essential nutrient requirements, physiological processes, food labelling, weight management, healthy food choices, fitness, diet-related diseases and disorders, food handling, healthy cooking, nutrition for different populations, and more. Students gain important knowledge and skills to aid them in attaining and maintaining a healthy and nutritious lifestyle.

Course Requirements

Grade Level - 6 - 8

Duration - 1 Semester

Materials – None

MS FITNESS 1 & 2 - A & B

This course is designed to provide students with the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students participate in pre and post-fitness assessments in which they measure and analyse their own levels of fitness based on the five components of physical fitness: muscular strength, endurance, cardiovascular fitness, flexibility, and body composition. In this course, students research the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Throughout this course students participate in a

weekly fitness program involving elements of cardio, strength, and flexibility.

Course Requirements

Grade Level - 6 - 8

Duration - 2 Semesters

Materials – None

MEDIA LITERACY*

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

Course Requirements

Grade Level – 6 - 8

Duration - 1 Semester

Materials – None

COMPUTER APPLICATIONS*

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

Course Requirements

Grade Level – 6 - 8

Duration - 1 Semester

Materials – None

CIVICS – A & B

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

Course Requirements

Grade Level – 6 - 8

Duration - 2 Semesters

Materials – None

COURSE LIST MIDDLE SCHOOL

LANGUAGE ARTS
6TH GRADE LANGUAGE ARTS - A & B
7TH GRADE LANGUAGE ARTS - A & B
8TH GRADE LANGUAGE ARTS - A & B
ENGLISH FOUNDATIONS I^
ENGLISH FOUNDATIONS II^
MATH
6TH GRADE MATH - A & B
7TH GRADE MATH - A & B
8TH GRADE MATH - A & B
SCIENCE
6TH GRADE SCIENCE - A & B
7TH GRADE SCIENCE - A & B
8TH GRADE SCIENCE - A & B
SOCIAL STUDIES
6TH GRADE SOCIAL STUDIES - A & B
7TH GRADE SOCIAL STUDIES - A & B
8TH GRADE SOCIAL STUDIES - A & B

ELECTIVES – PE/HEALTH
HOPE - PHYSICAL EDUCATION - A & B
NUTRITION*
MS FITNESS 1 & 2 - A & B
ELECTIVES - IT
COMPUTER APPLICATIONS*
MEDIA LITERACY*
ELECTIVES - ART
K-POP DANCE*
ELECTIVES – SOCIAL SCIENCES
CIVICS - A & B

^remedial - only by recommendation1, * 1 semester only, A&B- 2 semester course

To graduate and receive a High School diploma, students must earn 24 credits in the following subjects. A student must successfully complete a minimum of 6 credits with HCIS to be eligible for a diploma.

Subjects	Credits
English	4 credits
Math	4 credits (Algebra 1 and higher)
Science	4 credits (must include 2 Lab Science credits)
History & Social Science	4 credits
World Language	2 credits (must be 2 credits of the same language, non-English language course)
Physical Education/Health	0.5 + 0.5 credits
Electives	5 credits
Total	24 Credits

ENGLISH

ENGLISH 9 - A & B #h

The English 9 course is an overview of exemplar selections of literature in fiction and nonfiction genres. Students read short stories, poems, a full-length novel, and a full-length Shakespeare play, analysing the use of elements of literature in developing character, plot, and theme. For example, in selected stories, students compare the effect of setting on tone and character development. Likewise, in the poetry unit, students analyse how artists and writers draw from and interpret source material.

Course Requirements

Grade Level - 9

Duration – 2 Semesters

Materials - None

ENGLISH 10- A & B #h

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

in one of these applications.

Course Requirements

Grade Level - 10

Duration - 2 Semesters

Prerequisites – English 9 or equivalent

Materials - None

ENGLISH 11 - A & B #h

In the English 11 course, students examine the belief systems, events, and literature that have shaped the United States. They begin by studying the language of independence and the system of government developed by Thomas Jefferson and other enlightened thinkers. Next, they explore how the Romantics and Transcendentalists emphasized the power and responsibility of the individual in both supporting and questioning the government. Students consider whether the American Dream is still achievable and examine the Modernists' disillusionment with the idea that America is a "land of opportunity."

Course Requirements

Grade Level - 11

Duration - 2 Semesters

Prerequisites – English 10 or equivalent

Materials - None

ENGLISH 12 - A & B #h

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

Course Requirements

Grade Level - 12

Duration - 2 Semesters

Prerequisites – English 11 or equivalent

Materials – None

FOUNDATIONS ENGLISH I- A & B[^]

English Foundations I supports adolescent literacy development at the critical stage between decoding and making meaning from text. Through intensive reading and writing skills instruction, deep practice sets, consistent formative feedback, graduated reading levels, and helpful strategy tips, the course leads students to improved comprehension and text handling.

Course Requirements

Grade Level – Remedial course

Duration - 2 Semesters

Materials – None

FOUNDATIONS ENGLISH II- A & B[^]

English Foundations II offers a year of skill building and strategy development in reading and writing. Semester one is a reading program designed to help struggling readers develop mastery in the areas of reading comprehension, vocabulary building, study skills, and media literacy. Semester two is a writing program which builds confidence in composition fundamentals by focusing on the areas of composing, grammar, style, and media literacy. Both semesters are structured around ten mini-units which offer interactive instruction and guided practice in each of the four

learning strands. Students read for a variety of purposes and write for a variety of audiences. The workshops stress high interest, engaging use of technology, relevant topics, and robustly scaffolded practice. Students learn to use different types of graphic organizers as they develop and internalize reading and writing process strategies. They build confidence as they develop skills and experience success on numerous low stakes assessments that encourage growth and reinforce learning.

Course Requirements

Grade Level – Remedial course
Duration - 2 Semesters
Materials – None

MATH

ALGEBRA 1 - A & B #h

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

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials – None
Prerequisites – Math 8 or Introductory Algebra

GEOMETRY - A & B #h

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

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials - None
Prerequisites - Algebra 1

ALGEBRA 2 - A & B #h

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

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials – TI-83, TI-83plus, TI84 calculator or equivalent
Prerequisites – Algebra 1 and Geometry

BRIDGE MATH - A & B

Bridge Math is a fourth year math course focused on reinforcing core concepts from Algebra I, Geometry and Algebra II. Bridge Math is intended for students who need to review concepts before continuing their studies. It starts with a review of algebraic concepts before moving on to a variety of key algebraic, geometric, statistical, and probability concepts. Course topics include rational and irrational numbers, systems of linear equations, quadratic functions, exponential functions, triangles,

coordinate geometry, solid geometry, conditional probability, independence, data analysis, scatterplots, and linear and non-linear models of data.

Course Requirements

Grade Level - 12
Duration - 2 Semesters
Materials – None
Prerequisites – Algebra 1 & 2 and Geometry

PRE-CALCULUS - A & B #h

Precalculus is a course that combines reviews of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. 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.

Course Requirements

Grade Level - 11 - 12
Duration - 2 Semesters
Materials - TI-83, TI-83plus, TI84 calculator or equivalent
Prerequisites - Algebra I&2 and Geometry

MATH OF PERSONAL FINANCE - A & B

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

Course Requirements

Grade Level - 10 - 12
Duration - 2 Semesters
Materials – TI-83, TI-83plus, TI84 calculator or equivalent
Prerequisites - Algebra I and Geometry or eq.

PROBABILITY AND STATISTICS - A & B

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

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials – Materials – TI-83, TI-83plus, TI84 calculator or equivalent
Prerequisites - None

MATH FOR COLLEGE READINESS - A & B

Mathematics for College Readiness provides a fourth-year math curriculum focused on developing the mastery of skills identified as critical to postsecondary readiness in math. This full-year course is aligned with Florida's Postsecondary Readiness

Competencies in mathematics and targets students who are required to complete additional instruction based on their performance on the Postsecondary Education Readiness Test (PERT).

Course Requirements

Grade Level - 12

Duration - 2 Semesters

Materials - TI-83, TI-83plus, TI84 calculator or equivalent

Prerequisites – Algebra1,2 & Geometry

ACCOUNTING 1 - A & B

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

Course Requirements

Grade Level - 10 - 12

Duration - 2 Semesters

Materials – MS Office or eq.

Prerequisites - None

ACCOUNTING 2 - A & B

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

Course Requirements

Grade Level - 10 - 12

Duration - 2 Semesters

Materials - MS Office or eq.

Prerequisites - None

SCIENCE

PHYSICAL SCIENCE - A & B

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

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – None/Simple Lab Materials

Prerequisites – None

EARTH SCIENCE - A & B #h

Earth Science offers a focused curriculum that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space.

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – None/Simple Lab Materials

Prerequisites – None

ENVIRONMENTAL SCIENCE - A & B

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

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – None/Simple Lab Materials

Prerequisites – None

BIOLOGY - A & B #h

Biology focuses on the mastery of basic biological concepts and models while building scientific inquiry skills and exploring the connections between living things and their environment.

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – None/Simple Lab Materials

Prerequisites – None

CHEMISTRY - A & B #h

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

Course Requirements

Grade Level - 10 - 12

Duration - 2 Semesters

Materials – None/Simple Lab Materials

Prerequisites - Middle school/junior high Physical Science, and one year of Algebra

CHEMISTRY IN THE EARTH SYSTEM

- A & B

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

Course Requirements

Grade Level – 10-12

Duration - 2 Semesters

Materials – None

Prerequisites – Middle school/junior high Physical Science, and one year of Algebra

INTEGRATED PHYSICS & CHEMISTRY

- A & B

Integrated Physics and Chemistry explores the nature of force, motion, energy, and matter. Course topics include kinematics, force, momentum, waves, atoms, the periodic table, molecular bonding, chemical reactivity, electricity, and nuclear energy.

Course Requirements

Grade Level - 10 - 12

Duration - 2 Semesters

Materials – None/Simple Lab Materials

Prerequisites - Algebra 1 (Algebra 2 recommended)

GENERAL SCIENCE - A & B^

General Science provides students with opportunities to develop the knowledge, skills, and strategies necessary for success in rigorous high school science courses. The course is appropriate for use as remediation at the high school level or as a bridge to high school.

Course Requirements

Grade Level – 8-9 Remedial course

Duration - 2 Semesters

Materials - None

Prerequisites – None

PHYSICS - A & B #h

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

Course Requirements

Grade Level - 11 – 12

Duration - 2 Semesters

Materials – None/Simple Lab Materials

Prerequisites - One year of Algebra (two years recommended)

PHYSICS AND THE UNIVERSE - A & B

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

Course Requirements

Grade Level - 11 – 12

Duration - 2 Semesters

Materials – None/Simple Lab Materials

Prerequisites - One year of Algebra (two years recommended)

THE LIVING EARTH – A & B

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

Course Requirements

Grade Level - 9 - 12

Duration – 2 Semesters

Materials – None

Prerequisites - None

SOCIAL STUDIES

WORLD HISTORY - A & B #h

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

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – None

GEOGRAPHY AND WORLD CULTURES *#h

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

Course Requirements

Grade Level - 9 - 12

Duration - 1 Semester

Materials – None

Prerequisites - None

US HISTORY - A & B #h

U.S. History traces the nation's history from the pre-colonial period to the present. Students learn about the Native American, European, and African people who lived in America before it became the United States. They examine the beliefs and philosophies that informed the American Revolution and the subsequent formation of the government and political system. Students investigate the economic, cultural, and social motives for the nation's expansion, as well as the conflicting notions of liberty that eventually resulted in civil war. The course describes the emergence of the United States as an industrial nation and then focuses on its role in modern world affairs.

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – None

Prerequisites - None

US HISTORY SINCE THE CIVIL WAR-A&B#h

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

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – None

Prerequisites – None

US HISTORY TO THE CIVIL WAR*

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

Course Requirements

Grade Level - 9 - 12

Duration - 1 Semester

Materials – None

Prerequisites – None

US HISTORY AND GEOGRAPHY -A & B

United States History and Geography begins with the

establishment of European colonies in North America and then traces the nation's history from post-Civil War to the present. Students examine the beliefs and philosophies that informed the American Revolution and the subsequent formation of the government and political system, then evaluate the attempts to bind the nation together during Reconstruction while simultaneously exploring the growth of an industrial economy. Moving into the 20th and 21st centuries, students probe the economic and diplomatic interactions between the United States and other world players while investigating how the world wars, the Cold War, and the "information revolution" affected the lives of ordinary Americans. Woven through this chronological sequence is a strong focus on the changing conditions of women, African Americans, and other minority groups.

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials – None
Prerequisites – None

US GOVERNMENT AND POLITICS* #h

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

Course Requirements

Grade Level – 10 - 12
Duration - 1 Semester
Materials – None
Prerequisites – U.S. History is recommended, but not required

WORLD HISTORY, CULTURE AND GEOGRAPHY - A & B

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

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials – None
Prerequisites - None

MODERN WORLD HISTORY FROM 1450 –

A & B

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

but it also prepares students to be active and informed citizens of the world.

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials - None
Prerequisites – None

MODERN WORLD HISTORY FOR 1600 –

A & B

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

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials - None
Prerequisites – None

WORLD HISTORY TO THE RENAISSANCE –

A & B #h

World History to the Renaissance traces the development of civilizations around the world from prehistory to the Renaissance. The course covers major themes in world history, including the development and influence of human-geographic relationships, political and social structures, economic systems, major religions and belief systems, science and technology, and the arts. Topics covered in this course include the birth of civilizations; the classical civilizations of India, China, Greece, and Rome; the rise of new empires such as the Byzantine; and an examination of civilizations in Africa and North and South America. From there, students' journey to the Middle Ages and into the Renaissance.

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials - None
Prerequisites - None

ECONOMICS AND PERSONAL FINANCE -

A & B

Economics and Personal Finance develops students' economic reasoning through an analysis of the U.S. economy, the global economy, and personal finance. The course covers fundamental principles of economics, including an examination of markets from both historical and current perspectives; the basics of supply and demand; the theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; the concept of money and how it evolved; the role of banks, investment houses, and the Federal Reserve; Keynesian economics; the productivity, wages, investment, and growth involved in capitalism; unemployment, inflation, and the national debt; and a survey of markets in areas such as China, Europe, and the Middle East. The course extends students' understanding of these principles in the context of personal finance, exploring issues such as career planning, budgeting, credit, taxes, investing, insurance, loans, and

major purchases.

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials - None

Prerequisites - None

ECONOMICS* #h

Economics offers a tightly focused and scaffolded curriculum that provides an introduction to key economic principles. The course covers fundamental properties of economics, including an examination of markets from both historical and current perspectives; the basics of supply and demand; the theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; the concept of money and how it evolved; the role of banks, investment houses, and the Federal Reserve; Keynesian economics; the productivity, wages, investment, and growth involved in capitalism; unemployment, inflations, and the national debt; and a survey of the global economy.

Course Requirements

Grade Level - 10 - 12

Duration - 1 Semester

Materials - None

Prerequisites - U.S. Government and Politics is recommended, but not required

MULTICULTURAL STUDIES *

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

Course Requirements

Grade Level - 9 - 12

Duration - 1 Semester

Materials – None

Prerequisites - None

WORLD LANGUAGES

SPANISH 1 - A & B

Spanish I teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as home life, occupations, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms to describe school subjects, parts of the body, and people, as well as idiomatic phrases. Instruction in language structure and grammar includes the structures and uses of present-tense verb forms, imperatives, adjective agreement, impersonal constructions, formal and informal address, and reflexive verbs. Students explore words used in different Spanish-speaking regions and learn about the cultures of Spanish-speaking countries and regions within and outside Europe.

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – None

Prerequisites - None

SPANISH 2 - A & B

Building on Spanish I concepts, Spanish II students learn to communicate more confidently about themselves, as well as about topics beyond their own lives - both in formal and informal situations. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Students expand their vocabulary in topics such as cooking, ecology, geography, and architecture. Instruction in language structure and grammar includes a review of present-tense verb forms, an introduction to the past tense, the conditional mood, imperatives, impersonal constructions, and reported speech. Students deepen their knowledge of Spanish-speaking regions and cultures by learning about history, literature, culture, and contemporary issues.

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – Microphone, Dictionary

Prerequisites - Spanish 1

SPANISH 3 - A & B

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

Course Requirements

Grade Level - 10 - 12

Duration - 2 Semesters

Materials – Microphone, Dictionary

Prerequisites - Spanish 2 or equivalent

FRENCH 1 - A & B

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

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – Microphone, Dictionary

Prerequisites - None

FRENCH 2 - A & B

French II teaches students to communicate more confidently about themselves, as well as about topics beyond their own lives - both in formal and informal address. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms in cooking, geography, and architecture. Instruction in language structure and grammar includes present- and past-tense verb forms and

uses, negation, and direct and indirect objects. Students deepen their knowledge of French-speaking regions and cultures by learning about history, literature, culture, and contemporary issues.

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials – Microphone, Dictionary
Prerequisites - French 1 or equivalent

VISUAL AND PERFORMING ARTS

MUSIC APPRECIATION - A & B

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

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials – None
Prerequisites – None

ART APPRECIATION*

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

Course Requirements

Grade Level - 9 - 12
Duration - 1 Semester
Materials – None
Prerequisites – None

PE AND HEALTH

HEALTH*

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

Course Requirements

Grade Level - 9 - 12
Duration - 1 Semester
Materials - None
Prerequisites – None

PHYSICAL EDUCATION*

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

Course Requirements

Grade Level - 9 - 12
Duration - 1 Semester
Materials - None
Prerequisites – None

STRENGTH TRAINING*

This course focuses on the fitness components of muscular strength and endurance. Students establish their fitness level, set goals, and design their own resistance training program. They study muscular anatomy and learn specific exercises to strengthen each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles and other fundamental exercise principles, such as progression and overload, to strength training. This course also discusses good nutrition and effective cross-training. Students take a pre- and post-fitness assessment. Students conduct fitness assessments and participate in weekly physical activity. This course is recommended for grades 10-12.

Course Requirements

Grade Level - 10 - 12
Duration - 1 Semester
Materials - None
Prerequisites – None

ANATOMY*

In this course, students will explore the anatomy or structure of the human body. In addition to learning anatomical terminology, students will study the main systems of the body-- including skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems. In addition to identifying the bones, muscles, and organs, students will study the structure of cells and tissues within the body. This course is recommended for grades 10-12.

Course Requirements

Grade Level - 10 - 12
Duration - 1 Semester
Materials - None
Prerequisites – None

RUNNING*

This course is appropriate for beginning, intermediate, and advanced runners and offers a variety of training schedules for each. In addition to reviewing the fundamental principles of fitness, students learn about goals and motivation, levels of training, running mechanics, safety and injury prevention, appropriate attire, running in the elements, good nutrition and hydration, and effective cross-training. While this course focuses mainly on running for fun and fitness, it also briefly explores the

realm of competitive racing. Students conduct fitness assessments and participate in weekly physical activity.

Course Requirements

Grade Level - 9 - 12

Duration - 1 Semester

Materials - None

Prerequisites – None

WALKING FITNESS*

This course helps students establish a regular walking program for health and fitness. Walking is appropriate for students of all fitness levels and is a great way to maintain a moderately active lifestyle. In addition to reviewing fundamental principles of fitness, students learn about goals and motivation, levels of training, walking mechanics, safety and injury prevention, appropriate attire, walking in the elements, good nutrition and hydration, and effective cross-training. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving walking, as well as elements of resistance training and flexibility.

Course Requirements

Grade Level - 9 - 12

Duration - 1 Semester

Materials - None

Prerequisites – None

FLEXIBILITY*

This course focuses on the often-neglected fitness component of flexibility. Students establish their fitness level, set goals, and design their own flexibility training program. They study muscular anatomy and learn specific exercises to stretch each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles to flexibility training. This course explores aspects of static, isometric, and dynamic stretching, as well as touch on aspects of yoga and Pilates. This course also discusses good nutrition and effective cross-training. Students conduct fitness assessments and participate in weekly physical activity.

Course Requirements

Grade Level - 9 - 12

Duration - 1 Semester

Materials - None

Prerequisites – None

LIFETIME AND LEISURE SPORTS*

This course provides students with an overview of lifetime dual and individual sports. Students learn about a variety of sports, and do an in-depth study of martial arts, Pilates, fencing, gymnastics, and water sports. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to many of these sports. Students also learn the components of fitness, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments, set goals, and participate in weekly physical activity.

Course Requirements

Grade Level - 9 - 12

Duration - 1 Semester

Materials - None

Prerequisites – None

ELECTIVES

BUSINESS APPLICATIONS*

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

Course Requirements

Grade Level - 9 – 12

Duration - 1 Semester

Materials – None

COLLEGE AND CAREER PREPARATION 1*

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

Course Requirements

Grade Level - 9 - 12

Duration - 1 Semester

Materials – None

Prerequisites – None

COLLEGE AND CAREER PREPARATION 2*

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

Course Requirements

Grade Level - 10 - 12

Duration - 1 Semester

Materials – None

Prerequisites – College and Career Preparation 1

CREATIVE WRITING*

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

Course Requirements

Grade Level - 10 - 12

Duration - 1 Semester

Materials – None

Prerequisites – 10th grade English

EXPOSITORY WRITING*

In Expository Writing, students delve into the power and potential of the English language. Reading and writing assignments explore relevant and universal themes including war, human rights, cultural awareness, and humans' relationships with the environment, the media, and technology. By reading and

evaluating seminal speeches, essays, and stories, students learn how writing is used to explain, persuade, and entertain. Students develop and practice expressing their own ideas in four types of essays: compare and contrast, persuasive, evaluative, and explanatory. Additional assignments will focus on narrative writing, research projects, and speeches.

Course Requirements

Grade Level - 9 – 12

Duration - 1 Semester

Materials – None

Prerequisites – None

HUMAN RESOURCES PRINCIPLES – A & B

Human Resources Principles examines the main functions of human resources management, including planning, recruitment, selection, training, development, compensation, and evaluation. In so doing, the course provides students with the tools to hire, manage, and fire employees. Students will also explore the unique role of human resources in the larger organization.

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials - None

Prerequisites – None

INTRO TO BUSINESS AND TECHNOLOGY - A & B

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

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – MS Office or eq.

Prerequisites – None

INFORMATION TECHNOLOGY APPLICATION*

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

Course Requirements

Grade Level - 9 - 12

Duration - 1 Semester

Materials – MS Office or eq.

Prerequisites – None

LEGAL ENVIRONMENT OF BUSINESS-A&B

What do you want out of life? How do you achieve your dreams for the future? These can be difficult questions to answer, but they don't have to be with the right tools.

Learn more about yourself and prepare for the future through

goal setting, decision making, surviving college and career, and how to become a valuable contributing member of society. It's your life; make it count!

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials – None

Prerequisites – None

PERSONAL COMMUNICATION*

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

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

Course Requirements

Grade Level - 9 - 12

Duration - 1 Semester

Materials – None

Prerequisites – None

PRINCIPLES OF BUSINESS, MARKETING AND FINANCE – A & B

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

Course Requirements

Grade Level - 9 - 12

Duration - 2 Semesters

Materials - None

Prerequisites – None

PSYCHOLOGY*

Psychology provides a solid overview of the field's major domains: methods, biopsychology, cognitive and developmental psychology, and variations in individual and group behaviour. By focusing on significant scientific research and on the questions that are most important to psychologists, students see psychology as an evolving science. Each topic clusters around challenge questions, such as "What is happiness?" Students answer these questions before, during, and after they interact with direct instruction. This course is built to state standards and informed by the American Psychological Association's National Standards for High School Psychology Curricula. The teaching methods draw from the National Science Teachers Association (NSTA) teaching standards.

Course Requirements

Grade Level - 9 - 12

Duration - 1 Semester

Materials – None
Prerequisites – None

SOCIOLOGY*

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

In online discussions and polls, students reflect critically on their own experiences and ideas, as well as on the ideas of sociologists. Interactive multimedia activities include personal and historical accounts to which students can respond, using methods of inquiry from sociology. Written assignments provide opportunities to practice and develop skills in thinking and communicating about human relationships, individual and group identity, and all other major course topics.

This course is built to state standards and the National Council for the Social Studies (NCSS) Expectations of Excellence: Curriculum Standards for Social Studies. behaviour.

Course Requirements

Grade Level - 9 - 12
Duration - 1 Semester
Materials - None
Prerequisites – None

PRINCIPLES OF HEALTH SCIENCE – A & B

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

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials - None
Prerequisites – None

PRINCIPLES OF INFORMATION

TECHNOLOGY – A & B

Principles of Information Technology prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets and database software.

Course Requirements

Grade Level - 9 - 12
Duration - 2 Semesters
Materials – MS Office or eq.
Prerequisites – None

WRITING SKILLS AND STRATEGIES*

Writing Skills and Strategies develops key language arts skills necessary for high school graduation and success on high stakes

exams through a semester of interactive instruction and guided practice in composition fundamentals. The course is divided into ten mini-units of study. The first two are designed to build early success and confidence, orienting students to the writing process and to sentence and paragraph essentials through a series of low-stress, high-interest hook activities. In subsequent units, students review, practice, compose and submit one piece of writing. Four key learning strands are integrated throughout: composition practice, grammar skill building, diction and style awareness, and media and technology exploration. Guided studies emphasize the structure of essential forms of writing encountered in school, in life, and in the work place. Practice in these forms is scaffolded to accommodate learners at different skill levels.

Course Requirements

Grade Level - 9 - 12
Duration - 1 Semester
Materials - None
Prerequisites – None

READING SKILLS AND STRATEGIES*

Reading Skills and Strategies is a course is designed to help the struggling reader develop mastery in the areas of reading comprehension, vocabulary building, study skills, and media literacy, which are the course's primary content strands. Using these strands, the course guides the student through the skills necessary to be successful in the academic world and beyond. The reading comprehension strand focuses on introducing the student to the varied purposes of reading (e.g., for entertainment, for information, to complete a task, or to analyse). In the vocabulary strand, the student learns specific strategies for understanding and remembering new vocabulary. In the study skills strand, the student learns effective study and test-taking strategies. In the media literacy strand, the student learns to recognize and evaluate persuasive techniques, purposes, design choices, and effects of media. The course encourages personal enjoyment in reading with 10 interviews featuring the book choices and reading adventures of students and members of the community.

Course Requirements

Grade Level - 9 - 12
Duration - 1 Semester
Materials – None
Prerequisites – None

FINANCIAL LITERACY*

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

Course Requirements

Grade Level - 9 - 12
Duration - 1 Semester
Materials - None
Prerequisites – Introductory Algebra (grade 8) or equivalent

AP LANGUAGE ARTS

AP ENGLISH LANGUAGE AND COMPOSITION - A & B

In AP English Language and Composition, students investigate rhetoric and its impact on culture through analysis of notable fiction and nonfiction texts, from pamphlets to speeches to

personal essays. The equivalent of an introductory college-level survey class, this course prepares students for the AP exam and for further study in communications, creative writing, journalism, literature, and composition.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration - 2 Semesters

Materials - Check: <https://apcentral.collegeboard.org/>

Prerequisites - None

AP ENGLISH LITERATURE AND COMPOSITION

- A & B

AP English Literature and Composition immerses students in novels, plays, poems, and short stories from various periods. Students will read and write daily, using a variety of multimedia and interactive activities, interpretive writing assignments, and class discussions to assess and improve their skills and knowledge. The course places special emphasis on reading comprehension, structural and critical analysis of written works, literary vocabulary, and recognizing and understanding literary devices. The equivalent of an introductory college-level survey class, this course prepares students for the AP exam and for further study in creative writing, communications, journalism, literature, and composition.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration - 2 Semesters

Materials - Check: <https://apcentral.collegeboard.org/>

Prerequisites - None

AP MATH

AP CALCULUS AB - A & B

In AP Calculus AB, students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer, students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to real-world models. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. The equivalent of an introductory college-level calculus course, AP Calculus AB prepares students for the AP exam and further studies in science, engineering, and mathematics.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration - 2 Semesters

Materials - Check: <https://apcentral.collegeboard.org/>

Prerequisites – 3 years of HS math

AP STATISTICS - A & B

AP Statistics gives students hands-on experience collecting, analysing, graphing, and interpreting real-world data. They will learn to effectively design and analyse research studies by reviewing and evaluating real research examples taken from daily life. The next time they hear the results of a poll or study, they will know whether the results are valid. As the art of drawing conclusions from imperfect data and the science of real-world

uncertainties, statistics plays an important role in many fields. The equivalent of an introductory college-level course, AP Statistics prepares students for the AP exam and for further study in science, sociology, medicine, engineering, political science, geography, and business.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration - 2 Semesters

Materials – Check: <https://apcentral.collegeboard.org/>

Prerequisites – Algebra 2

AP SCIENCE

AP BIOLOGY - A & B

AP Biology builds students' understanding of biology on both the micro and macro scales. After studying cell biology, students move on to understand how evolution drives the diversity and unity of life. Students will examine how living systems store, retrieve, transmit, and respond to information and how organisms utilize free energy. The equivalent of an introductory college-level biology course, AP Biology prepares students for the AP exam and for further study in science, health sciences, or engineering.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration - 2 Semesters

Materials – Check: <https://apcentral.collegeboard.org/>

Prerequisites – Biology and Chemistry

AP CHEMISTRY - A & B

AP Chemistry builds students' understanding of the nature and reactivity of matter. After studying chemical reactions and electrochemistry, students move on to understand how the chemical and physical properties of materials can be explained by the structure and arrangements of the molecules and the forces between those molecules. Students will examine the laws of thermodynamics, molecular collisions, and the reorganization of matter in order to understand how changes in matter take place. Finally, students will explore chemical equilibria, including acid-base equilibria. The equivalent of an introductory college-level chemistry course, AP Chemistry prepares students for the AP exam and for further study in science, health sciences, or engineering.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration - 2 Semesters

Materials – Check: <https://apcentral.collegeboard.org/>

Prerequisites - Chemistry, Algebra 2

AP ENVIRONMENTAL SCIENCE*

AP* Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course draws upon various disciplines, including geology, biology, environmental studies, environmental science, chemistry, and geography in order to explore a variety of environmental topics. Topics explored include natural systems on Earth; biogeochemical cycles; the nature of matter and energy; the flow of matter and energy through living systems; populations; communities; ecosystems; ecological pyramids; renewable and non-renewable resources; land use; biodiversity; pollution; conservation; sustainability; and human impacts on the environment. The

equivalent of an introductory college-level science course, AP Environmental Science prepares students for the AP exam and for further study in science, health sciences, or engineering.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration - 1 Semester

Materials – Check: <https://apcentral.collegeboard.org/>

Prerequisites – Biology and Chemistry

AP SOCIAL SCIENCES

AP US GOVERNMENT & POLITICS*

AP U.S. Government and Politics studies the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes. Along the way, they'll learn how to gather data about political behavior and develop their own theoretical analysis of American politics. They'll also build the skills they need to examine general propositions about government and politics, and to analyse the specific relationships between political, social, and economic institutions. The equivalent of an introductory college-level course, AP U.S. Government and Politics prepares students for the AP exam and for further study in political science, law, education, business, and history.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration – 1 Semester

Materials – Check: <https://apcentral.collegeboard.org/>

Prerequisites - None

AP U.S. HISTORY - A & B

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

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration - 2 Semesters

Materials – Check: <https://apcentral.collegeboard.org/>

Prerequisites - None

AP PSYCHOLOGY*

AP Psychology provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counsellors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection. They will study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate relevant concepts like study skills and information retention. The equivalent of an introductory college-level survey course, AP Psychology prepares students for the AP exam and for further studies in psychology or life sciences.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration - 1 Semester

Materials – Check: <https://apcentral.collegeboard.org/>

Prerequisites - None

AP MACROECONOMICS*

AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They'll also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP exam and for further study in business, political science and history.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration - 1 Semester

Materials – Check: <https://apcentral.collegeboard.org/>

Prerequisites - None

AP MICROECONOMICS*

AP Microeconomics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP Microeconomics prepares students for the AP exam and for further study in business, history, and political science.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration - 1 Semester

Materials – Check: <https://apcentral.collegeboard.org/>

Prerequisites - None

AP WORLD LANGUAGES

AP SPANISH – A & B

AP Spanish Language and Culture students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they learn in extensive written and spoken exercises. The course addresses the broad themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. By the end of the course, students will have an expansive vocabulary, a solid, working knowledge of all verb forms and tenses, strong command of other language structures, and an ability to use language in many different contexts and for

varied purposes. The equivalent of a college-level language course, AP Spanish Language prepares students for the AP exam and for further study of Spanish language, culture, or literature.

Course Requirements

*Additional costs may apply

Grade Level - 11 - 12

Duration – 2 Semesters

Materials – Check: <https://apcentral.collegeboard.org/>

Prerequisites – Spanish 1,2 & 3

DUAL CREDIT COURSES

COMING SOON

COURSE LIST HIGH SCHOOL

ENGLISH	WORLD LANGUAGE	ELECTIVES
ENGLISH 9 - A & B #h	FRENCH 1 - A & B	BUSINESS APPLICATIONS*
ENGLISH 10 - A & B #h	FRENCH 2 - A & B	COLLEGE AND CAREER PREPARATION I*
ENGLISH 11 - A & B #h	SPANISH 1 - A & B	COLLEGE AND CAREER PREPARATION II*
ENGLISH 12 - A & B #h	SPANISH 2 - A & B	COMPUTER APPLICATIONS*
ENGLISH FOUNDATIONS I- A & B^	SPANISH 3 - A & B	CREATIVE WRITING*
ENGLISH FOUNDATIONS II- A & B^	VISUAL & PERFORMING ARTS	EXPOSITORY WRITING*
MATHEMATICS	MUSIC APPRECIATION – A & B	HUMAN RESOURCES PRINCIPLES – A & B
ALGEBRA 1 - A & B #h	ART APPRECIATION*	INTRO TO BUSINESS & TECHNOLOGY - A&B
ALGEBRA 2 - A & B #h		INFORMATION TECHNOLOGY APPLICATIONS*
GEOMETRY - A & B #h		LEGAL ENVIRONMENT OF BUSINESS – A&B
BRIDGE MATH - A & B	P.E. & HEATH	PSYCHOLOGY*
MATH OF PERSONAL FINANCE - A & B	HEALTH*	SOCIOLOGY*
PROBABILITY AND STATISTICS - A & B	PHYSICAL EDUCATION*	PERSONAL COMMUNICATION*
MATH FOR COLLEGE READINESS - A & B	STRENGTH TRAINING*	PRINCIPLES OF BUSINESS, MARKETING & FINANCE – A & B
PRE - CALCULUS - A & B #h	ANATOMY*	PRINCIPLES OF HEALTH SCIENCE – A&B
ACCOUNTING 1 & 2 - A & B	RUNNING*	PRINCIPLES OF INFORMATION TECHNOLOGY -A & B
MATH FOUNDATIONS 1 & 2 - A & B^	WALKING FITNESS*	READING SKILLS AND STRATEGIES*
	FLEXIBILITY*	WRITING SKILLS AND STRATEGIES*
SCIENCE	LIFETIME AD LEISURE SPORTS*	FINANCIAL LITERACY*
PHYSICS OF THE UNIVERSE - A & B		ACCOUNTING 1- A & B
BIOLOGY - A & B #h		ACCOUNTING 2- A & B
CHEMISTRY - A & B #h		
EARTH SCIENCE - A & B #h	ADVANCED PLACEMENT SCIENCE	DUAL CREDIT COURSES
ENVIRONMENTAL SCIENCE - A & B	AP BIOLOGY - A & B	TBD
THE LIVING EARTH - A & B	AP CHEMISTRY - A & B	
PHYSICAL SCIENCE - A & B	AP ENVIRONMENTAL SCIENCE*	
PHYSICS - A & B #h		
INTEGRATED PHYSICS & CHEMISTRY – A & B	ADVANCED PLACEMENT SOCIAL STUDIES	
CHEMISTRY IN THE EARTH SYSTEM – A & B	AP US GOVERNMENT & POLITICS *	
SCIENCE FOUNDATIONS - A & B^	AP US HISTORY - A & B	
GENERAL SCIENCE - A & B^	AP PSYCHOLOGY*	
SOCIAL STUDIES	ADVANCED PLACEMENT MATH	
WORLD HISTORY - A & B #h	AP CALCULUS A/B - A & B	
US HISTORY - A & B #h	AP STATISTICS - A & B	
GEOGRAPHY AND WORLD CULTURES*#h	AP MICROECONOMICS*	
WORLD HISTORY TO THE RENAISSANCE-A & B #h	AP MACROECONOMICS*	
MODERN HISTORY FROM 1450 - A & B		
MODERN HISTORY FROM 1600 - A & B	ADVANCED PLACEMENT WORLD LANG.	
US GOVERNMENT AND POLITICS #h	AP SPANISH - A & B	
US HISTORY SINCE THE CIVIL WAR #h	ADVANCED PLACEMENT ENGLISH LANG.	
US HISTORY TO THE CIVIL WAR*	AP ENGLISH LANG. AND COMPOSITION -A&B	
ECONOMICS*#h	AP ENGLISH LITERAT. AND COMPOSITION -A&B	
ECONOMICS AND PERSONAL FINANCE*		
US HISTORY AND GEOGRAPHY - A & B		
MULTICULTURAL STUDIES*		
WORLD HISTORY CULTURE AND GEOGRAPHY		

#h honours courses option, *one semester courses, A&B – 2semester courses, ^Remedial Courses – recommendation only
Please check the pre-requisites prior to selecting courses and electives.

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