



VIRTUAL EDUCATION CATALOG

CUMBERLAND VALLEY CHRISTIAN SCHOOL

2024-2025

Bible Courses:

CVCS Aligned Course- Behold Your God: This study has one purpose—to encourage your students to know their God. By presenting the Bible as God’s self-revelation, this study magnifies the character and work of the Father, the Son, and the Holy Spirit. As students know and love their incomprehensible God, they’ll discover a grace they can reflect to others. 36 weeks | suggested grade level: 7-12

NEW CVCS Aligned Course-Biblical Worldview: Are they ready to view the world through biblical lenses? Are they equipped to engage the world with scriptural discernment? *Biblical Worldview: Creation, Fall, Redemption* is a tool that helps teachers equip 11th or 12th grade students with a Christian understanding of all major academic disciplines and cultural arenas. 36 weeks | suggested grade level: 11-12

CVCS Aligned Course- Building Life Castles: All believers stand as monuments to God’s grace. As we build our lives on His love and truth, we will honor Him. No matter the hardships of our time, no matter how we crumble and fall, we can turn to Him and rest in His strength. He is our stronghold. This study introduces students to essential doctrines and themes from the New Testament: 36 weeks | suggested grade level: 4th grade

NEW CVCS Aligned Course-Clay to Conquest: Clay to Conquest is a study of the first eight major Old Testament figures and the mighty works God did on their behalf. The truth they teach us is timeless in its relevance and universal in its application. Beginning with Adam (the clay) and continuing through Joshua (the conquest) your students can stand in awe of how God used ordinary people to do extraordinary things. 36 weeks | suggested grade level: 7-12

CVCS Aligned Course- Dynamic Christian Living: This one-year, 35-lesson study presents the tools needed to build spiritual maturity. In these lessons, students will find an introduction to Christian doctrine, including basic approaches to salvation, prayer, and Bible study. Students can learn to live out their love for God and share Him with others. 36 weeks | suggested grade level: 7-12

CVCS Aligned Course- In Their Sandals: This study challenges you to look deep into the Bible, to read it, to meditate on it, to experience it like the characters you see, as if you were *In Their Sandals*. You'll tackle creative writing exercises that ask you to think hard about Scripture. You'll learn writing disciplines that help you communicate truth clearly and concisely. And as you abide in the Word, you'll discover how God reveals Himself through it all. 36 weeks | suggested grade level: 7-12

CVCS Aligned Course-Life of Christ: Take your students on a journey through the Gospel of John and watch them develop not only a deeper knowledge of Christ, but also a deeper relationship with Him. Featuring colorful maps, photographs, and re-creations of biblical landmarks, *The Life of Christ* examines the ministry and work of God's Son within Israel's historical and geographical context. 36 weeks | suggested grade level: 8-11

CVCS Aligned Course- Possessing the Land: This course will walk students through various Bible stories and helps them apply them to their daily lives. Just as God wanted His people to possess the land of Canaan, so He desires His children to live in a spiritual realm of promise and victory today. Through this study, your students will gain an understanding of the patterns and themes of God’s work through the Old Testament. 36 weeks | suggested grade level: 5

CVCS Aligned Course- Proverbs: This study will help students use the book of Proverbs to apply to their lives and walk with Christ. This study leads students through the Proverbs encouraging them to walk in the “bright ways of God.” Ra-

ther than being a verse-by-verse study, these lessons approach the study of Proverbs topically in two major divisions: wisdom defined, and wisdom applied to daily living. 36 weeks | grade level: 7-12

CVCS Aligned Course- The Christian Adventure: Read and studied by Christians around the world, *The Pilgrim's Progress* has now been made into an intriguing and practical study for high school. Your students will learn alongside of Christian as he discovers the value of God's Word through his fateful journey. This allegory creatively expresses the joys and struggles of the Christian experience, while also illustrating and explaining doctrines such as sin and hell, salvation and grace, and inspiration and the authority of God's Word. Christian, its main character, faces battles with law and grace, worldliness, and Satan; temptations from lust and greed; and assaults by fear, shame, teasing, frustration, the fear of the unknown, despair, and loneliness. 36 weeks | suggested grade level: 7-12

CVCS Aligned Course- Wise Up! In school, young people face more and more decisions on their own. Soon they find that their new freedoms are followed by greater responsibility and higher expectations. This study encourages students to study the wisdom of God in Proverbs, allowing Him to shape their lives into the image of His Son, Jesus Christ. God's Word, not facts, changes lives. The Spirit-driven application of God's truth transforms people to live like Jesus. The Book of Proverbs provides both significant theological and practical instructions to help believers reflect God's character. 36 weeks | suggested grade level: 6-12

Elementary Courses:

Science 1: They will again explore the same three units: life science, earth and space science and physical science. Students will begin to classify living things into groups, identify habitats and life cycles of plants and animals, identify minerals and rocks found on the Earth, identify stars and planets in our solar system and describe matter and how things move. 36 weeks | suggested grade level: 1

1st Grade Social Studies: Students will discuss the different types of families and neighbors. They will also discuss how people lived long ago, when money was first produced and used and why people work. The course will also discuss the concepts of wants vs. needs and supply and demand. Finally, students will build on their basic understanding of government and how it works. 36 weeks | suggested grade level: 1

1st Grade Language Arts: This course is divided into five sections: phonics, grammar, reading, writing and spelling. In the phonics section, they will review all letter sounds and blend and read more complex words. In the grammar section, they will review basic grammar identification and expand upon their previous knowledge. Students will also add to their sight word list, which will help them read and write longer and more complex sentences and stories. Also in this course, students will begin to spell simple words. 36 weeks | suggested grade level: 1

1st Grade Math: Students will build upon their basic knowledge of numbers and be able to write larger, 2-digit numbers. Students will also be able to count past 100 and complete 1- and 2-digit addition and subtraction problems, as well as solve basic equations. Students will begin to organize and interpret data and tell time to the half-hour. By the end of the course, students will be able to explain place value and identify, classify and measure various objects and lengths. They will also have a first-hand look at money and its value. 36 weeks | suggested grade level: 1

Science 2: Students will build upon their learning from the previous science course. This course will focus on plants and animals in their habitats. Students will also explore the seasons and the solar system and be able to explain how day

and night occur. They will also learn about Earth's natural resources. Toward the end of this course, students will take a closer look at how matter changes and can be changed. 36 weeks | suggested grade level: 2

2nd Grade Social Studies: Students will take a closer look at how we all live together in a community and in the world. The course will also explain the impact people from long ago have had on society today and discuss the formation of the government and its purpose. Students will also continue to develop their map and globe skills during this course. 36 weeks | suggested grade level: 2

2nd Grade Language Arts: This course is divided into five sections: phonics, grammar, reading, writing and spelling. Each aspect explores and expands upon students' prior knowledge of the area. By the end of this course, students will be able to use complex sentences in short stories they write. They will also be able to read larger words and sound out the words that they do not know. Each week, students will practice and master the spelling of longer words. 36 weeks | suggested grade level: 2

Math 2: Students will begin by adding and subtracting larger numbers and measuring longer items. They will also collect data and represent their findings in various graphs and charts. Their basic understanding of money will be expanded, and they will learn how to add and subtract money. Students will also be able to skip count by 5s, 10s and 100s and solve simple word problems. By the end of the course, students will be able to recognize and draw shapes as well as divide the shape into several parts. 36 weeks | suggested grade level:2

CVCS Aligned Science 3- Show your child the hand of God in His Creation of man and man's environment through Exploring God's World, presented in the order of the days of creation. Study the senses of the human body, the process of photosynthesis, the classifications of animals, the characteristics of different climates and more. Teach the scientific method using hands-on experiments to help prepare your child for higher-level science. 36 weeks | suggested grade level:3

CVCS Aligned Math 03- One of the most effective ways to learn mathematics is to do mathematics. Provide your 3rd grader plenty of daily Math exercises found in our Arithmetic 3 book. This year is all about the mastery of multiplication and division that your child will get through story problems, measurement conversions, fractions, and more. With new materials boxed on top of the page and problems given directly below, your child can easily look back at the study notes as he works through his problems. Brain boosters are also included four times a week to challenge students to apply the concepts learned. 36 weeks | suggested grade level:3

4th Grade Reading and Spelling: At this level, students continue to build knowledge of letters and sounds, syllables and word formation to increase their knowledge of reading and spelling words with multiple syllables. This course is designed to help students learn to read and spell more easily and accurately and to increase reading comprehension. Students in this course read both fiction and nonfiction materials. 36 weeks | suggested grade level:4

4th Grade Writing and Grammar: In this course, students continue to develop their writing and grammar skills by practicing the skills necessary to write essays, stories, plays and fiction. Students begin to use literary devices in their writing and continue to develop good grammar skills. This course urges students to focus on clarity of topic, task and audience of their writing by developing more complex sentences. 36 weeks | suggested grade level:4

CVCS Aligned Course- 4th Grade Math: Help your child excel in arithmetic with the colorful, daily work-text *Arithmetic 4*. Practice multiplying and dividing 2-digit numbers, estimating, and writing decimals as fractions. Your child will solidi-

fy his understanding of square measures, simple geometry, proper and improper fractions. Daily word problems, supplemental problems, and a handbook for terms and definitions in the back of the book provide ample opportunity for application and review. 36 weeks | suggested grade level:4

4th Grade Social Studies: The scope of learning for this class covers topics at the state, national and international levels. Through this course, students will be able to differentiate common characteristics of social, political, cultural and economic groups that are critical to our history. Students will also locate and analyze historical documents and artifacts to distinguish conflict and cooperation among different cultures and groups that have impacted the development of our nation and world. This course will also enhance the student's ability to use common geographic tools to interpret information on people, places and regions, as well as identify key principles and ideas within our governmental system. 36 weeks | suggested grade level:4

4th Art: In this 18-week art course, students will explore 6 units of art study, which include: Line, Shape, Pattern, Rhythm, Movement, Color and Value; Form, Texture and Emphasis; Space, Proportion and Distortion; Balance and Harmony; Variety; and Emphasis and Unity. 18 weeks | suggested grade level:4

4th Health & Wellness: In this 36-week course, students will learn about health and wellness. Students will complete 5 units of study, which include: Mental, Emotional, Family and Social Health; Growth and Nutrition; Personal Health and Safety; Drugs and Disease Prevention; and Community and Environmental Health. Topics will include: A Plan for Good Health, How Families Change, Body Systems, Nutrients, Good Grooming, Being Safe Outdoors, Tobacco and Health, Setting Healthy Goals and Making Responsible Decisions. Finally, the course includes an activity log with an expectation of 60 minutes of documented physical activity per five days of school. 18 weeks | suggested grade level:4

4th Music: In this 18-week music course, students will begin to explore the keyboard and musical notes. They will have the chance to play an interactive keyboard to experience the sounds of the notes first hand. They will also learn about the different notes on a staff and how to use rests when composing music. This course also provides a brief overview of several composers such as Bach, Haydn and Mozart. 18 weeks | suggested grade level:4

4th Science: At this level, students are exposed to a wide array of scientific topics and concepts. The year begins with a unit on life science and encompasses learning about cells, ecosystems, plants, animals and life processes. The next unit of study is entitled Earth Science: Earth and Beyond and includes learning about Earth's history, the sun, moon, planets, water and the weather. The final unit of study focuses on physical science and includes learning about the properties and changes of matter. 36 weeks | suggested grade level:4

5th Grade Reading and Spelling: In this course, students build upon the reading comprehension and spelling skill sets they have studied at previous grade levels to read and comprehend both fiction and nonfiction texts independently by utilizing strategies such as re-telling, summarizing, note-taking, connecting to prior knowledge and extending ideas. 36 weeks | suggested grade level:5

5th Grade Writing and Grammar: At this level, students will write poems, stories and plays using literary elements and devices while maintaining a sharp, clear focus on the topics presented. Students begin to develop skills that help them

to create a clearly-stated position or opinion in their writing that includes supporting details and cited sources. course: 36 weeks | suggested grade level:5

CVCS Aligned Course- Arithmetic 5: Students start by adding, subtracting, multiplying, and dividing whole numbers. Next, they learn measurements, fractions and basic graphing skills, the course also touches on some basic pre-algebra concepts. 36 weeks | suggested grade level:5

CVCS Aligned Course- Science 5: *Science 5* explores God's creation in a study of minerals and rocks, fossils, matter and heat, sound and light, weather, ecosystems, and the respiratory and circulatory systems. Students develop science process skills by participating in hands-on activities and projects. The Science 5 student text provides fascinating scientific information through understandable text, charts, diagrams, and colorful photographs and illustrations. The student text also contains detailed instructions for all experiments, activities, and projects. 36 weeks | suggested grade level:5

5th Grade Social Studies: In this course, students will differentiate how continuity and change in U.S. history, world history and state history interact and are enacted. Finally, this course will enhance the students' familiarity with geography and the interactions between people, environment and regions. 36 weeks | suggested grade level:5

5th Grade Art: In this 18-week art course, students will explore 6 units of study, which include: Line, Shape and Value; Space, Shape and Form; Color and Pattern; Proportion and Distortion; Texture, Rhythm, Movement and Balance; and Harmony, Variety, Emphasis and Unity. 18 weeks | suggested grade level:5

5th Grade Health & Wellness: In this 36-week course, students will expand upon their earlier studies related to health and wellness. Topics of study include: Mental, Emotional, Family and Social Health; Growth and Nutrition. Signs of Illness and Careers in Health and Fitness. Healthy lifestyle choices are explored and encouraged. Finally, the course includes an activity log with an expectation of 60 minutes of documented physical activity per five days of school. 36 weeks | suggested grade level:5

5th Grade Music: In this 18-week course, students will expand upon the basic knowledge from the 4th grade course. They will study composers such as Brahms, Chopin and Tchaikovsky. They will also begin to compose more complex music, incorporating a grand staff, various notes and rests. Finally, students will begin to understand different musical scales and intervals. 18 weeks | suggested grade level:5

Language Arts:

6th Grade Language Arts: At this level, students explore the genres of poetry, fiction and nonfiction. They gain a better understanding of basic grammar, including: punctuation, parts of a sentence and more. They also learn how to compose narrative, persuasive and informative essays. 36 weeks | suggested grade level:6

7th Grade Language Arts: In 7th grade, students build upon their existing reading skills and focus on increasing their metacognitive abilities through careful analysis. They further explore poetry, fiction and nonfiction and begin to learn about a fourth type of writing — drama. They increase their grammar skills by combining sentences and mastering other writing techniques. 36 weeks | suggested grade level:7

8th Grade Language Arts: Fables, speeches and nonfiction (namely, *The Diary of Anne Frank*) are at the heart of this language arts course. Topics of exploration include characterization, point of view, rhythm and other writing tech-

niques. Students further hone their grammar skills with an emphasis on improving and strengthening sentences and writing in a variety of styles for different purposes. 36 weeks | suggested grade level:8

9th Grade Language Arts: In this entry-level high school course, students explore fiction and nonfiction writing techniques such as foreshadowing and theme. They read classic literature and authors and become acquainted with Shakespeare's *Romeo and Juliet*, excerpts from Maya Angelou's *I Know Why the Caged Bird Sings* and various poems by Robert Frost. 36 weeks | suggested grade level:9

10th Grade Language Arts: The focus in 10th Grade Language Arts is on multicultural literature. Students read classic dramas such as Shakespeare's *Julius Caesar* and Sophocles' *Antigone* while also coming to appreciate Japanese tankas and Mark Twain's wit. Students study literary techniques, including: plot structure, symbolism and more. 36 weeks | suggested grade level:10

CVCS Aligned- 11th Grade Language Arts: This course will be directly aligned with the on-campus course, taught from a Biblical perspective to further students understanding of writing and reading: 36 weeks | suggested grade level:11

CVCS Aligned- 12th Grade Language Arts: This course will be directly aligned with the on-campus course, taught from a Biblical perspective to further students understanding of writing and reading: 36 weeks | suggested grade level:12

Mathematics:

CVCS Aligned Course- Arithmetic 6: This course contains a variety of exercises involving new and review material in each lesson. This program consists of 169 lessons, supplementary exercises, and homework exercises. Students will learn the following concepts; whole numbers, fractions, measures, factoring, percent, graphs, geometry, and practical arithmetic. 36 weeks | suggested grade level:6

CVCS Aligned Course- Arithmetic 7: This course focuses on different mathematical operations, particularly with fractions and decimals. We look at the fundamental components of functions and their graphs and eventually work our way up to linear equations. Overall, students will learn new ways to put the knowledge of mathematics to work in more practical ways. 36 weeks | suggested grade level:7

CVCS Aligned Course- Pre-Algebra: This course is the first formal introduction to the concepts and language of algebra. Built on Saxon 7 math series this course introduces both algebraic concepts as well as geometric concepts. Subject matter includes; basic equations, perimeters, area, surface, word problems and so forth. 36 weeks | suggested grade level:8

NEW Curriculum! CVCS Aligned- Algebra I: The *Algebra 1* Student Edition features discussions and exercises on a number of algebraic concepts including rational numbers, linear functions, and polynomials. Each chapter features an essential question to guide students through upcoming content. Skill Checks are also included for formative assessment, and the exercise sets are scaled by degree of difficulty. QR codes link to supplemental exercises, and STEM activities will help students connect mathematical concepts with everyday scenarios. 36 weeks | suggested grade level: 9

CVCS Aligned- Geometry: In this geometry course, students learn about associations between geometry, algebra and measurement. Students are encouraged to analyze 2- and 3-dimensional geometric shapes and understand relation-

ships between shapes. They utilize the coordinate plane to demonstrate relationships between points. 36 weeks | suggested grade level: 10

CVCS Aligned- Algebra II: As a continuation of skills learned in Algebra I, students now focus on evaluating and solving algebraic, quadratic, exponential and logarithmic expressions. These concepts will be integrated into mathematical and geometric models involving series and sequences. Students study these models through a combination of systems of equations and graphing. 36 weeks | suggested grade level: 11

Trigonometry: This course in trigonometry helps students gain an understanding of exponential, logarithmic and trigonometric functions. Students are exposed to symbols, terminology and rules of trigonometry. They learn how to identify, describe, analyze and evaluate polynomial forms of these functions. 36 weeks | suggested grade level: 12

CVCS Aligned- Pre-Calculus: In this course, students will be exposed to a wide array of mathematical concepts. Topics will include: Fundamentals of Calculus, Equations and Inequalities, Functions, Polynomial and Rational Functions, Applications to Optimization, Trigonometric Functions and Conic Sections. Throughout this course, students will be exposed to these topics and have an opportunity to explore additional topics in algebra. 36 weeks | suggested grade level: High School

New and Improved! CVCS Aligned Calculus: In this advanced math class, students focus intensively on plane analytic geometry and solid analytic geometry. This concept is then integrated with differential and integral calculus. In addition to the mechanics of differential and integral calculus, the mean value theorem, the fundamental theorems of differential and integral calculus and ordinary and uniform continuity are emphasized. Limit theory and application of differential calculus are also studied. 36 weeks | suggested grade level: High School

Honors Algebra I: Honors Algebra is a course that builds a deep understanding of linear, quadratic, and exponential relationships. It is an in-depth study, problem-solving, and application of algebraic concepts. Honors Algebra I introduces students to Algebra through expressions and equations. 36 weeks | suggested grade level: 9

Honors Algebra II: Honors Algebra II course will prepare you for Pre-Calculus or Statistics. The course will review topics introduced in Algebra I and will learn how to apply more advanced functions and operations to polynomials, exponentials, trigonometric identities, radicals, probability and statistics. 36 weeks | suggested grade level: 10

Honors Geometry: This course helps to build upon students' understanding of geometric relationships and formulating mathematical arguments equations. They will learn to demonstrate their knowledge in new situations. Course topics include reasoning, proof, and the creation of sound mathematical principles. 36 weeks | suggested grade level: High School

Science:

CVCS Aligned- Science 6: *Science 6* reveals the incredible intricacies of cells and organisms, matter and energy, astronomy, heredity, the nervous system, and the immune system. This elementary science educational materials includes exciting, but manageable science experiments and science projects. 36 weeks | suggested grade level: 6

CVCS Aligned- Science 7: Life Science: As part of this course in life science, students study living organisms, the structure and function of the cell, heredity, evolution, viruses, bacteria, plants, animals and how living things interact in the environment, taught from a Biblical worldview. course: 36 weeks | suggested grade level: 7

CVCS Aligned- Science 8: Earth Science: In their study of Earth Science, students learn about Earth’s materials and the changes to its surface and interior, along with the forces that cause those changes. Other topics covered include weather, the ocean and the study of our solar system, galaxies and the universe taught from a Biblical worldview. course: 36 weeks | suggested grade level: 8

NEW CVCS Aligned- Science 9: Physical Science: The student edition is divided into four units—two for chemistry and two for physics. The chemistry units move the student from matter and what it is made of to how matter interacts in chemical reactions, nuclear changes, solutions, and acids and bases. In the physics units, students learn about how matter and energy move and why they move; they study the many forms of energy and how energy moves throughout the world. All this is a quest to understand the world that God created. Clear, scientifically accurate images help them picture the structures they study. Case studies, worldview sleuthing activities, mini-labs, ethics boxes, and questions help students think like scientists and view physical science from a biblical perspective. 36 weeks | suggested grade level: 9

CVCS Aligned- Science 10: Biology: This biology course includes topics of study such as cell structure and function, photosynthesis, cellular respiration, mitosis and meiosis, genetics and heredity. Students will be able to apply the theory of cell biology to all living organisms, taught from a Biblical worldview. 36 weeks | suggested grade level: 10

NEW CVCS Aligned- Science 11: Physics: The *Physics* Student Edition (4th edition) introduces students to foundational concepts in physics, including kinematics, dynamics, thermodynamics and matter, electromagnetics, geometric optics and light, and electricity. The student edition has been designed to equip students to ethically engage in the work of physics with instruction and practice focused on real-world problems. 36 weeks | suggested grade level: 11

CVCS Aligned- Science 12: Environmental Science: Through this environmental science course, students extensively explore biological and ecological topics, including: ecosystems, human populations, biodiversity, renewable and non-renewable resources and waste. They learn how humans impact the environment and about the economics and policies related to environmental issues, taught from a Biblical worldview. 36 weeks | suggested grade level: 12

CVCS Aligned- Science 12: Chemistry: In this class, students are introduced to principles of chemistry and their applications. The course explores general chemistry topics and problem-solving skills. Topics covered include: matter and change, measurement, the periodic table, chemical bonding and reactions, stoichiometry and reaction kinetics. Course taught from a Biblical worldview: 36 weeks | suggested grade level: 12

Social Studies:

History 7: Middle School World History: Middle school students begin their study of world history by exploring human history from ancient civilizations to the modern world. They examine the major themes of world history (geography, economics, government, citizenship, culture, global relations, science and technology and constitutional heritage). The text is supported by primary sources, maps and online resources. course: 36 weeks | suggested grade level: 7

History 8: America: Land I Love presents a chronological account of American history with a factual emphasis on the people and events that shaped the United States. Incorporated throughout are thought-provoking questions to develop critical thinking skills and a biblical worldview regarding the significance of individuals and events in the nation’s history. This text highlights America’s heritage of faith and her patriotic pursuit of freedom as foundational values in the history of the United States of America. 36 weeks | suggested grade level: 8

CVCS Aligned- History 9: World Geography: This course presents a physical-cultural study of the earth and mankind in one semester with *World Geography in Christian Perspective*. This textbook travels all over the globe with over 250 photographs to exhibit many different cultures and geographical features. Each chapter displays continents and their features such as vegetation and wildlife, national flags and profiles, cultural insights, famous locations, and famous people that have lived on that continent. Section and chapter reviews plus over 30 detailed maps within the text give your child a plethora of information to develop a firm grasp of geography and cultures. course: 36 weeks | suggested grade level: 9

History 10: High School World History: This course begins with the Renaissance and works its way up until the present. Students will learn different eras throughout our modern world history and have a better grasp on important historical events. 36 weeks | suggested grade level: 10

History 11: American Government: This course with multiple aspects of our American government, as students learn the inner workings of our government along with learning about key events and people that pertain to our government. 18 weeks | suggested grade level: 11

High School U.S. History I: This high school level course gives students an overview of American history from pre-colonization to the turn of the twentieth century. They journey through various themes of American history, including culture and traditions, geography, government and democracy, and civic rights and responsibilities as they grow to understand what it means to be an American today. course: 36 weeks | suggested grade level: 9-12

Civics: In this class, students take an engaging, current and relevant look at the foundations of American government, citizenship and the American economic and legal systems. A wide variety of instructional tools are used to motivate students to participate, make decisions and take action both in and out of the classroom. course: 36 weeks | suggested grade level: 9-12

Economics: The study of how people and nations make decisions about their money and their economy. This course will help students learn some of the basic ideas, terms and concepts in regards to economics. 18 weeks | suggested grade level: 10-12

AP Courses:

AP Biology: This college-level course focuses on conceptual understandings of four big ideas: 1) The process of evolution drives the diversity and unity of life; 2) Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis; 3) Living systems store, retrieve, transmit and respond to information essential to life processes; 4) Biological systems interact, and these systems and their interactions possess complex properties. 36 weeks | suggested grade level: 10-12

AP Calculus AB: This college-level course addresses such topics as elementary functions, properties of functions and their graphs, limits and continuity, differential calculus and integral calculus. Students are expected to work with functions graphically, numerically and analytically. 36 weeks | suggested grade level: 10-12

AP Calculus BC: This college-level course focuses on the calculus of functions of a single variable. Students will build upon topics taught in Calculus AB, including but not limited to limits, derivatives, integrals and approximation. Throughout the course, emphasis is placed on using multiple representations by expressing concepts graphically, numerically,

analytically and verbally. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Calculus BC Exam. 36 weeks | suggested grade level: 10-12

AP Chemistry: This college-level course covers such topics as atomic theory and structure, chemical bonding, states of matter and reactions. Challenging and engaging assignments reinforce the content. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Chemistry Exam. 36 weeks | suggested grade level: 10-12

AP Computer Science A: The AP Computer Science A course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. 36 weeks | suggested grade level: 10-12

AP English Language and Composition: This college-level course is designed to provide the in-depth reading and writing skills that students need for college success. Critical and responsive reading skills are cultivated and developed using diverse fiction and nonfiction texts. Writing activities support and deepen students' understanding and control of formal conventions of written language, while broadening their understanding of how language is used rhetorically in formal and informal texts. 36 weeks | suggested grade level: 10-12

AP English Literature and Composition: This college-level course helps students hone their critical literary analysis skills. Through intensive reading assignments, students explore language, character, action and theme. Students also write compositions representing a variety of genres, including literary analysis, exposition, argument, narrative and creative writing. This course meets the rigorous standards of the College Board. 36 weeks | suggested grade level: 10-12

AP Environmental Science: This college-level course provides students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems that are both natural and human-made. They will evaluate the risks associated with these problems and examine alternative solutions to addressing them. 36 weeks | suggested grade level: 10-12

AP European History: This college-level course covers European history from the High Renaissance to the present. Topics include important political, economic, religious, social and intellectual developments that occurred in Europe during that time period. Students demonstrate understanding of historical events and themes through a variety of challenging and engaging writing assignments. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP European History Exam. 36 weeks | suggested grade level: 10-12

AP Human Geography: This college-level course will introduce students to the systematic study of patterns. Aside from interpreting maps and analyzing geospatial data, students will learn to define regions and evaluate the regionalization process, characterize and analyze changing interconnections among places, and understand and explain the implications of associations and networks among phenomena in places. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Human Geography Exam. 36 weeks | suggested grade level: 10-12

AP Macroeconomics: The purpose of the AP Macroeconomics course is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. 36 weeks | suggested grade level: 10-12

AP Microeconomics: The purpose of the AP Microeconomics course is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economics system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. 36 weeks | suggested grade level: 10-12

AP Physics 1: Algebra-Based: This college-level course is an algebra-based, introductory physics course. Students explore topics such as Newtonian mechanics, rotational motion, work, energy, power, mechanical waves, sound and an introduction to circuits. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Physics 1: Algebra-Based Exam. 36 weeks | suggested grade level: 10-12

AP Physics 2: Algebra-Based: This college-level course is an algebra-based, introductory physics course. Students explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic and nuclear physics. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Physics 2: Algebra-Based Exam. course: 36 weeks | suggested grade level: 10-12

AP Psychology: This college-level course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They will also learn about the ethics and methods psychologists use in the science and in practice. 36 weeks | suggested grade level: 10-12

AP Spanish Language and Culture: The AP Spanish Language and Culture course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The course strives to not overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Spanish Language and Culture Exam. 36 weeks | suggested grade level: 10-12

AP Statistics: AP Statistics is designed to introduce students to the major concepts and tools for data collection and analysis. Students will draw conclusions from data using technology and problem solving. Major themes covered in this course include data exploration, sampling and experimentation, patterns, and statistical inference. 36 weeks | suggested grade level: 10-12

AP US History: This college-level course is an intensive study of United States history from 1492 to the present. Students learn how to analyze, evaluate and interpret historical sources and evidence. This course requires extensive read-

ing, research and writing and meets the rigorous standards of the College Board. It was designed to prepare students to sit for the AP U.S. History Exam. 36 weeks | suggested grade level: 10-12

AP US Government and Politics: This college-level course will give students an analytical perspective on government and politics in the United States. This course includes both the study of concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with various institutions, groups, beliefs and ideas that constitute U.S. government and politics. Students will be able to describe and compare concepts and theories pertaining to U.S. government, explain patterns of political process and behaviors, interpret data and critically analyze relevant theories and concepts. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP U.S. Government and Politics Exam. 36 weeks | suggested grade level: 10-12

AP World History: This college-level course examines world history over the past thousand years. Students develop a deeper understanding of the evolution of and interactions between cultures, regions and institutions. By concentrating on historical global events, students also explore the impact of changes within an international framework. Challenging and engaging assignments reinforce the content. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP World History Exam. 36 weeks | suggested grade level: 10-12

Health/Physical Education

Food and Nutrition: This course helps students better understand the principles of nutrition. Students gain a basic knowledge of nutrition and good health. They study healthy preparation and care of food as well as food management. They also learn about the food science involved in the preparation process. 36 weeks | suggested grade level: 9-12

High School Physical Education: High school students acquire a more advanced understanding of health and wellness information that they can utilize to develop healthy attitudes and behavior patterns. Critical thinking and decision-making skills are taught and practiced throughout the course as students are encouraged to recognize their power to choose healthy behaviors to reduce risks. The physical education component includes an activity log with an expectation of at least 90 minutes of documented physical activity per five days of school weekly. 36 weeks or 18 weeks | suggested grade level: 8-12

Middle School Physical Education: Middle school students enrolled in this course will learn information which they can use to develop a healthy, active lifestyle. Topics covered include muscle function, cardiovascular fitness, body types, nutrition, weight management and body systems. The course includes an activity log with an expectation of 90 minutes of documented physical activity per five days of school. 36 weeks or 18 weeks | suggested grade level: 6-7

Middle School Introduction to Sports: This middle school level introductory course is all about sports. Covering a wide range of sports from athletics, gymnastics, team sports, racket sports, combat sports, water sports, winter sports, target sports, sports on wheels, motor sports, animal sports, and extreme sports. This course is sure to spark the curiosities and interests of those who love the world of sports. Students will learn the rules and regulations and certain techniques of each individual sport. 18 weeks | suggested grade level: 5-8

Sports Officiating: Sports Officiating will take a closer look at the career of sports officials. Students will learn how to develop and build the skills of officiating, for example: conflict management, decision-making, communication, and goal setting skills. They will examine the importance of being physically and mentally fit in regards to the demands of

officiating. The course will conclude with a look into the professional and legal responsibilities of sports officials. 18 weeks | suggested grade level: 7-12

Strength Training: Strength Training focuses on the biological and physiological components and effects of a person's conditioning, strength training, and aerobic training activities. Fitness programs range from aerobic endurance training, flexibility training, free weight and machine training, and resistance and plyometric training. Students will learn the structure and function of their body systems and how they are affected by performance and strength training programs and exercises. The course concludes by taking a look at rehabilitation and reconditioning sciences to help others recover from injuries and surgeries. 18 weeks | suggested grade level: 7-12

Foreign Languages:

French I: Beginning French students are introduced to the basic elements of French as they move through the early stages of language acquisition. They study major vocabulary categories, verb tenses and other fundamental components of French grammar. The main purpose of the course is to help students communicate in French at a basic level, appreciate the French-speaking world and develop cultural awareness. 36 weeks | suggested grade level: 9-12

French II: French II students review the basic elements of French grammar acquired in French I and then will greatly expand their communicative abilities. The textbook is written entirely in French, which helps students advance their knowledge of French grammar, structure and vocabulary. Their language skills increase so they are able to participate more fully in general conversations, read more sophisticated passages and write with a firmer command of syntactical structures. Cultural awareness is also further developed. 36 weeks | suggested grade level: 9-12

French III: This course builds on concepts learned in French I & II and advances the students ability to speak and write in French. It also further teaches the students about French culture and geographical information. 36 weeks | suggested grade level: 9-12

Invitation to Languages: Invitation to Languages introduces students to five of the major world languages: Spanish, French, German, Latin, and Japanese. In this engaging course, students will learn about the history of communication, writing systems, written and spoken language, and the structure of language. 36 weeks | suggested grade level: Middle School

Latin I: Students are introduced to Latin language and ancient Roman culture. Focus is placed on basic grammar, syntax and vocabulary. Students explore Latin and English words through a set of recorded Latin stories with English translations. Upon completion of this course, students will be able to read and write in Latin on a basic level. 36 weeks | suggested grade level: 9-12

Latin II: Students enrolled in Latin II will expand upon what they learned in Latin I. They increase their skills and depth of knowledge through the practice of structures, forms and vocabulary. 36 weeks | suggested grade level: 9-12

Spanish I: This is a 36 week course which covers basic vocabulary, grammatical verb usage, sentence structure. The class will cover introductory materials such as; telling time, numbers, alphabet, restaurant food, family vocabulary, shopping and household living. 36 weeks | suggested grade level: 9-12

Spanish II: Spanish II students review the basic elements of Spanish grammar acquired in Spanish I and expand their vocabulary. Students master the present progressive verb tense and are introduced to the preterit tense. 36 weeks | suggested grade level: 9-12

Spanish III: Spanish III students review the basic elements of Spanish grammar acquired in Spanish I and II and expand their communicative abilities. Students master the preterite verb tense and are introduced to the imperfect and future tenses and the present subjunctive. Students will communicate in paragraph form and explain events that have happened in the past, as well as describe events that will take place in the future. Students continue to learn about the Spanish-speaking world through art, literature and music. 36 weeks | suggested grade level: 9-12

Spanish IV: Spanish IV students review the grammar concepts previously learned in Spanish I, II and III, including the present, preterite, imperfect and future verb tenses. Students will further their knowledge of the Spanish language by learning the command forms and delve more in-depth with the various forms of the subjunctive tense. Students will continue to learn about the Spanish-speaking world through authentic literature and poetry. 36 weeks | suggested grade level: 9-12

Electives:

Accounting I: Accounting I students learn how to maintain accurate business records. Students study business transactions, including working with source documents, handling ledger accounts, preparing worksheets and working with financial statements. They will gain a real-world understanding of the applications of accounting. 36 weeks | suggested grade level: 9-12

American Civil War: This course provides an in-depth look at the most pivotal and defining era in American history. Students will examine the growing political, economic, and cultural rift between the American North and South that led to disunion and war. Students will “experience” the war through primary and secondary resources as they explore the fundamental causes of the war and the war years themselves, both at home and on the battlefield. course: 18 weeks | suggested grade level: 8-12

Anatomy and Physiology: This intensive course gives students an overview of human anatomy and physiology. It covers information about the human body at the cellular and chemical levels. Students learn about control and regulation of each of the systems in the human body and how each of the systems applies to disease and development. 36 weeks | suggested grade level: 9-12

Animal Husbandry: Students interested in animals and agriculture will enjoy this elective course designed to introduce students to animal science. Throughout the course, students will be encouraged to learn about a variety of areas, including: nutrition, anatomy and physiology, biotechnology, biosecurity, and genetics and animal reproduction. 18 weeks | suggested grade level: 9-12

Archaeology: Students enrolled in this elective course will be given the opportunity to explore the field of archaeology. Modules within this course cover topics such as dating artifacts, geoarchaeology, archaeobotany, archaeozoology, and archaeological chemistry. At the end of this course, students will be able to form relationships between the concepts in archaeology and the concepts in other fields of science. course: 36 weeks | suggested grade level: 9-12

Art History: Art History students will gain a basic understanding and appreciation of art as it is encountered on the high school level and beyond. Students begin with a study of art processes, criticism and aesthetics and progress to an overview of art history through the 21st century. 36 weeks | suggested grade level: 9-12

Business and Personal Law: This course examines legal obligations of parties involved in housing, business and personal endeavors. Topics of study include contractual obligations, corporate responsibilities and marriage/ divorce law. course: 36 weeks | suggested grade level: 9-12

Business Math: This high school business course is structured utilizing a three-pronged approach: basic math review, personal finance and business mathematics. It builds and strengthens students' basic math skills in personal and business mathematics. 36 weeks | suggested grade level: 9-12

Carpentry: Carpentry provides a highly illustrated, step by step approach to carpentry skill development. In addition to comprehensive coverage of tools, equipment, materials, and proven trade practices this book includes roof pitch framing and building codes. 36 weeks. | suggested grade level: 9-12

Creative Writing: This course explores strategies used in creative writing and helps students to develop a deeper appreciation of good writing and established authors. Students create a variety of works ranging from poems to short stories. While writing prose, students review rules and guidelines for correct punctuation, grammar and sentence structure. Effective, appropriate and economical word choice is also practiced. 18 weeks | suggested grade level: 9-12

Criminal Justice: This introductory course is designed to familiarize students with the formation, responsibilities, function, and interdependence of the agencies responsible for the administration and enforcement of justice in the United States. This course introduces the law making bodies that make up the judicial system, criminal trial system, corrections system, and juvenile justice system. This course also provides an overview of the problems and solutions in modern policing -- it will examine the studies of criminology and victimology, and will address the current challenges and temperature of criminal justice in our 21st century society. Finally, the course will consider the nature and extent of crime and will survey main theories of criminal behavior. course: 18 weeks | suggested grade level: 9-12

Culinary Arts: Baking and Pastry: Students enrolled in the baking and pastry course are introduced to the basic principles of pastries and baking. They learn about ingredients, measurement, tools and standard baking equipment. The basics of breads, doughs, pastries, custards, cakes, cookies, and pies are explored, along with frozen desserts and healthful and special-needs baking. Other topics include professionalism in the fields of food service, restaurants, and bakeries, as well as operations, safety, and sanitation. 18 weeks | suggested grade level: 7-12

Culinary Arts: Students begin by examining kitchen basics such as food and kitchen safety, and proper use of foodservice equipment. Culinary basics and applications, like reading recipes and measurements, proper cooking methods, and food preparation skills, are presented. A look into the career of culinary management completes this exploration of culinary arts. 18 weeks | suggested grade level: 7-12

Driver's Ed: This course works directly from the PA driver's manual. It teaches students all the information needed to take the Driver's Ed written exam. It also teaches defensive driving as well as important information on driving safe. It gives students the head knowledge to take the driving exam as well. Check with your car insurance company as well, many companies will give a discount when students take this class. 18 weeks | suggested grade level: 9-12

Exploring Apple/Mac: Monterey Edition: In this course, students will explore the Monterey release for Mac OS. The course begins with basic navigation and organization of files and continues to build skills in specific applications. The course covers useful applications including Safari, email, music, maps, and much more. Students will end with the basics of updating and maintaining the Mac device. (Access to Mac OS is required.) 18 weeks | suggested grade level: 9-12

Forensic Science: Students interested in criminal justice and crime scene investigation will enjoy this elective course designed to introduce students to the world of forensic science. Throughout the course, students will be encouraged to combine their math, chemistry, biology, physics, and earth science skills in order to analyze multiple case studies. course: 36 weeks | suggested grade level: 9-12

Geology: In their study of geology, students will learn about processes that occur on both Earth's exterior and interior. Specifically, students will explore topics such as plate tectonics, weathering and soils, the origin and evolution of the ocean floor, and geologic time. At the end of this course, students will feel confident in their knowledge of many of Earth's geologic processes. 36 weeks | suggested grade level: 9-12

Google Drive: This course will instruct students in the essentials of Google Drive. Students will create, format and share documents, spreadsheets and presentations, and gather data via Google Forms. Students will learn how to adjust permissions and document accessibility, as well as how to create collaborative projects with a group of faculty or fellow classmates. 18 weeks | suggested grade level: 9-12

High School Career Exploration: The Career Exploration course equips students with a background and process for successfully transitioning from school to a career. Students complete a self-assessment — analyzing their interests, skills and goals — to begin the development of a targeted approach to their next educational steps and, ultimately, their careers. Additionally, students' study and practice practical skills such as resume writing and interviewing. Various career opportunities are presented as well as the tools students need to further understand and research their own career directions. 18 weeks | suggested grade level: 9-12

Introduction to Agriculture: This elective course is designed to introduce students to the agricultural industry. Throughout the course, students will use the basic principles of science as they apply to plants, animals, soils, and food. Additional topics such as food science and communication and management are also explored. Upon completion, students will receive the background knowledge necessary to feel confident going into any of their future agricultural courses. course: 18 weeks | suggested grade level: 8-12

Introduction to Computer Programming: This course is directed towards students interested in gaining programming experience. The main objective of this course is to provide students with an understanding of computation and its usefulness. It also aims to provide students with the ability to write small programs that allow them to complete various goals. Students who enroll in this class will use the Python programming language. course: 18 weeks | suggested grade level: 9-12

Introduction to Cosmetology - Part I: In this course, students will explore the basics of a career in cosmetology. Introduction to Cosmetology - Part I begins with a brief history of careers in this field and continues with the basic sciences that apply. Students will learn about hair, skin, and nails, as well as basic chemistry before ending with applicable business skills for a cosmetologist: 18 weeks | suggested grade level: 9-12

Introduction to Military Careers: This course is intended for students at the high school level who have an interest in joining one of the five branches of the United States Military (Army, Navy, Marine Corps, Air Force, and Coast Guard). Students will explore the recruitment and enlistment processes, learn about basic training, and discover different career opportunities that are afforded to them through service in the military. 18 weeks. | suggested grade level: 9-12

Introduction to STEM: This course is designed to introduce the four areas of STEM by exposing students to numerous practical examples of the impacts of technology on our world. Upon completion, students will have the confidence to describe why technological systems in various fields work the way they do. 18 weeks | suggested grade level: 9-12

Journalism: This high school course includes a brief history of American journalism and discusses the duties of a journalist. Additional topics that are taught in this course include the rights and responsibilities of journalists, style and editing, news writing, sports writing, feature writing, editorial writing, newspaper design, yearbook design, advertising and much more. 18 weeks | suggested grade level: 9-12

Marketing: The Marketing course introduces students to basic marketing techniques and business decision-making processes. Students study the marketing process and increase their knowledge of markets, buyers, promotion and pricing. The course aims to improve students' understanding of how professional advertising agencies design, market and distribute their products. 36 weeks | suggested grade level: 9-12

Medical Terminology I: Students interested in the life sciences, specifically human anatomy, will greatly benefit from taking this course. Topics covered include: basic word structure, the integumentary system, the skeletal and muscular systems, and the nervous system. Overall, Medical Terminology I gives students the foundation they need to confidently speak within the medical field. course: 18 weeks | suggested grade level: 9-12

Microsoft Office: This course covers computer basics and focuses on detailed uses of Microsoft 365 and the Microsoft Office 2019 suite including Word, PowerPoint, and Excel. It allows students to explore the features that are built into this edition using a step-by-step, screen-by-screen approach. Students are encouraged to expand their understanding of the software through experimentation, critical thought, and engaging real-life scenarios. Students will use the knowledge gained in this course to reinforce their communication and technology skills for success in their educational and professional careers. 18 weeks. | suggested grade level: 8-12

Middle School Art Appreciation: Middle school students enrolled in this course will gain an appreciation of art with an understanding of its historical context. Students will learn how historical, political, geographical, social, and religious events shape each culture's art and make it unique. Traditional art from the following cultures is discussed within the course: Western Europe, China, Japan, India, Native America, and Africa. 18 weeks | suggested grade level: 9-12

Middle School Career Exploration: This middle school level course gives students an introduction to career exploration. The course will focus on activities and exercises that match students' personal interests with career opportunities. The course will explore a variety of careers, and it will emphasize the students' self-awareness, goal setting, and decision-making abilities. 18 weeks. | suggested grade level: 6-8

Middle School Digital Citizenship: Students in this course will learn about the basics of computer safety and respecting digital content rights. The course discusses digital property rights and how to use and share content properly. It also covers cyber safety, including topics such as hackers, SPAM, phishing, and responsible use of social media. 18 weeks. | suggested grade level: 6-8

Middle School Introduction to Computer Programming: This course introduces basic computer programming skills in several different programming languages. Students are introduced to the basics using Scratch, Python, and HTML/CSS to create their own projects and games. Engaging projects and step-by-step instructions make this course an excellent choice for beginner-level students interested in computer programming: 18 weeks | suggested grade level: 9-12

Introduction to Forestry: This elective course is designed to introduce students to the topic of forestry. Units within this course include: North America Forest Regions, Safety in the Forest, Forest Management, and Forest Products. Additionally, students will be able to learn more about the various career options in this field. c18 weeks | suggested grade level: 9-12

Introduction to Horticulture: This elective course is designed to introduce students to the topic of horticulture. Units within this course include: environmental requirements for good plant growth, grafting, and integrated pest management with an emphasis on the new and emerging technology associated with horticulture. Additionally, students will be able to learn more about the various career options in this field. course: 18 weeks | suggested grade level: 8-12

Introduction to Hospitality and Tourism: I: This introductory course provides an overview of the structure and scope of the travel/tourism and hospitality industries. Part I of this two-part course series specifically examines the hotel and restaurant industries: food and beverage operations, the functions and departments of a hotel, catering, career options, and trends in the industry. Other topics include the history, political, social and cultural impacts tourism has on local, state and global environments. Students are introduced to the basic skills and practices required for a successful career in the hospitality and tourism industry. 18 weeks. | suggested grade level: 8-12

Introduction to Law Enforcement: In this course, students will explore the basics of a career in Law Enforcement. Introduction to Law Enforcement begins with an overview and brief history of police in the U.S. The course continues by covering topics in operation, recruitment, strategies, and police conduct. Students will also learn about issues and ethics in contemporary policing: 18 weeks | suggested grade level: 9-12

Music History/Music Appreciation: This course introduces students to perceptive listening and provides an engaging presentation of musical elements, styles and stylistic periods. Organized chronologically, this course provides a survey of music's evolution from the music of the Middle Ages to classical, jazz, blues and rock. This course concludes by exploring the non-Western music traditions from Africa, India and Japan. 18 weeks | suggested grade level: 9-12

Nursing I: Students with a strong background in the life sciences and a passion about learning more about the field of nursing will thrive within this course. Nursing I is designed to introduce students to the professional field of nursing by exploring topics such as Nursing Theory, Values, Ethics, and Advocacy, and The Health Care Delivery System. course: 18 weeks

Native American Studies: This course provides students with an overview of Native American history starting with Indigenous nations before European colonization and continuing to modern day. Students will examine the effects of colonization, relations with non-Natives, federal policies, and conflicts in social, political, and economic systems. This course helps students build cultural awareness through the analysis of commonly misunderstood and often ignored parts of American history, as well as developing a deeper understanding of the importance of tribal heritage and identity from an Indigenous historical perspectives. 18 weeks. | suggested grade level: 9-12

Oceanography: Students taking this course will combine their knowledge of geology, chemistry, physics, and biology to examine and learn more about our Earth's oceans. This course is designed to allow students to take away a fundamental understanding of how the oceans work and why they behave in the ways that they do. Overall, this elective course does a good job of explaining the larger picture of how our oceans interact with all of the systems on Earth. 36 weeks | suggested grade level: 9-12

People Skills: This course covers the basics of creating and strengthening lifelong people skills. Students will acquire life skills that will help to benefit them in the following areas: responsible citizenship, being a savvy consumer, money management, peer pressure, teamwork, communication, understanding relationships (occupationally, and family), and the steps of successful character building and personal growth. course: 18 week | suggested grade level: 9-12

Personal Finance and Financial Literacy: The Personal Finance and Financial Literacy course exposes students to important financial issues they are likely to encounter in their lives. Topics include home buying, balancing a budget and responsible use of credit and borrowing. This knowledge will increase students' abilities to manage their finances in a responsible and intelligent manner. 18 weeks | suggested grade level: 9-12

Probability and Statistics: This course introduces students to sampling methods, descriptive statistics and probability distributions. Students learn how to take effective samples and create valid experiments. They acquire tools and knowledge that will enable them to effectively evaluate and interpret data. 36 weeks | suggested grade level: 9-12

Psychology: This introductory psychology course acquaints students with basic principles of psychology. Students learn about how concepts they encounter in the course have real-life applications. The text is supported by online resources, videos and quizzes. 18 weeks | suggested grade level: 9-12

Real World Math: In this math course, students will prepare for the real world by learning and applying practical math skills such as understanding a paycheck, using credit, budgeting and basic banking. Students should have a foundational knowledge from middle school math curriculum (e.g., Mathematics Course 3 or Pre-Algebra). 18 weeks. | suggested grade level: 8-12

SAT Prep: The SAT prep course is designed to familiarize students with test taking strategies and study skills, as well as to review materials to be covered on the exam. By using a coaching textbook, the SAT prep course will give students the opportunity to take multiple practice tests after which they can review the correct answers and explanations to better prepare them for their future. course: 36 weeks | suggested grade level: 9-11

Sociology: This sociology course explores the interactions and relationships of the varying groups within society. Students investigate the roles of societies' institutions and the effects of these institutions on different demographics. They also learn about the challenges and problems faced by communities. 18 weeks | suggested grade level: 9-12

Study Skills :The study skills course hones reading and study skills needed for academic success in high school. Students develop such abilities as: studying techniques, note taking, time management, listening, test taking and research. They gain confidence as they master these basic skills and have the opportunity to apply them to other courses. course: 18 weeks | suggested grade level: 9-12

The Art of Communication: This course provides students with a comprehensive introduction to interpersonal, intercultural, professional, group, and public communication. Students will be presented with the theories and research behind effective communication, as well as engaging activities to enable practical application. Students will learn about the

communication process conflict and conflict management, and speaking and listening in a group or public setting. 18 weeks | suggested grade level: 9-12

Video Game Design: Video game design covers the technological and creative aspects of video game design from the perspective of a beginner. Students are immersed in the field of video game design, from the beginning and planning stages of each game build project through completion, integration, and marketing. Students participate in a simulation of a real video game design team and see each project from origination to completion. course: 18 week | suggested grade level: 9-12

War of 1812: This course provides students with an in-depth exploration of the frequently overlooked War of 1812. Students will examine the War of 1812 in the context of America's development as a nation. Students will explore causes, battles, and results of the war, as well as the transformation of the United States of America from an infant nation to a national force to be reckoned with on the world stage. The text supports higher-level thinking with primary sources and maps. 18 weeks. | suggested grade level: 8-12

Writing Foundations: This course introduces students to foundational writing techniques. Students will learn different writing styles along with important and vital writing techniques. Students will read several different styles of writing and will learn their own style throughout this course. 18 week | suggested grade level: 9-12

Web Design I (HTML5 and CSS3): In this introductory course, students will learn the basics of writing HTML5 and CSS3 structured web pages and sites. Students learn to prepare images, audio and video, as well as control typography and layout. Students are introduced to the basics of designing and building attractive, user- friendly content on the web. 18 weeks | suggested grade level: 9-12

Zoology: This elective course is designed to expand upon concepts learned within a life science or biology course. Specifically, zoology will address the animal kingdom, including the structure, embryology, evolution, classification, habits, and distribution of animals both living and extinct. 36 weeks | suggested grade level: 9-12