



## COURSE CATALOG 2021-2022

### ELEMENTARY SCHOOL COURSE LISTINGS

#### Language Arts Courses:

##### **Language Arts K**

*Course Code:5010041*

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

##### **Language Arts 1**

*Course Code:5010042*

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

##### **Language Arts 2**

*Course Code:5010043*

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

##### **Language Arts 3**

*Course Code:5010044*

This Third Grade Language Arts course will teach students to reading comprehension skill and strategies to help them become stronger readers. Students will also master weekly spelling and vocabulary words and grammar concepts that will help them become stronger writers. All Common Core Third Grade LA standards are met in this course.

##### **Language Arts 4**

*Course Code:5010045*

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.

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

### **Language Arts 5**

*Course Code: 5010046*

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.

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

### **Mathematics Courses:**

#### **Mathematics K**

*Course Code: 5012020*

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

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

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

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.

### **Mathematics 1**

*Course Code: 5012030*

During the first semester students will build fluency with basic math facts. They will learn to count to 100, basic addition and subtraction facts, and how to add double-digit numbers. Students will be introduced to such new concepts as word problems, Venn diagrams, and basic geometric concepts. There is an emphasis on learning practical skills such as reading thermometers, looking at maps, and understanding the value of coins.

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

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

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

### **Mathematics 2**

*Course Code: 5012040*

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

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.

### **Mathematics 3**

*Course Code: 5012050*

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

During the second semester, students will explore concepts of measurement including linear measurement, weight, volume, temperature, and time. They will also recognize, compare, and convert fractions. Students will write amounts of money and make change using as few coins as possible. Lastly,

students will examine lines, polygons, and solid figures as they are introduced to basic concepts of geometry.

### **Accelerated Mathematics Plan Grade 3**

*Course Code: 5012055*

In this course, instructional time should focus on five critical areas: (1) developing understanding of multiplication and division and strategies for multiplication and division within 100; (2) using place value to develop an understanding and fluency with multi-digit multiplication; (3) developing understanding of fractions, especially unit fractions (fractions with numerator 1); (4) developing understanding of the structure of rectangular arrays and of area; and (5) describing, analyzing, and classifying two-dimensional shapes.

(1) Students develop an understanding of the meanings of multiplication and division of whole numbers through activities and problems involving equal-sized groups, arrays, and area models; multiplication is finding an unknown product, and division is finding an unknown factor in these situations. For equal-sized group situations, division can require finding the unknown number of groups or the unknown group size. Students use properties of operations to calculate products of whole numbers, using increasingly sophisticated strategies based on these properties to solve multiplication and division problems involving single-digit factors. By comparing a variety of solution strategies, students learn the relationship between multiplication and division.

(2) Students generalize their understanding of place values to 1,000,000, understanding the relative sizes of numbers in each place. They apply their understanding of models for multiplication (equal-sized groups, arrays, area models), place value, and properties of operations, in particular the distributive property, as they develop, discuss, and use efficient, accurate, and generalization methods to compute products of multi-digit whole numbers. Depending on the numbers and the context, they select and accurately apply appropriate methods to estimate or mentally calculate products. They develop fluency with efficient procedures for multiplying whole numbers; understand and explain why the procedures work based on place value and properties of operations; and use them to solve problems.

(3) Students develop an understanding of fractions, beginning with unit fractions. Students view fractions in general as being built out of unit fractions, and they use fractions along with visual fraction models to represent parts of a whole. Students understand that the size of a fractional part is relative to the size of the whole. For example,  $\frac{1}{2}$  of the paint in a small bucket could be less paint than  $\frac{1}{3}$  of the paint in a larger bucket, but  $\frac{1}{3}$  of a ribbon is longer than  $\frac{1}{5}$  of the same ribbon because when the ribbon is divided into 3 equal parts, the parts are longer than when the ribbon is divided into 5 equal parts. Students are able to use fractions to represent numbers equal to, less than, and greater than one. They solve problems that involve comparing fractions by using visual fraction models and strategies based on noticing equal numerators or denominators. Students develop understanding of fraction equivalence and operations with fractions. They recognize that two different fractions can be equal (e.g.,  $\frac{15}{9} = \frac{5}{3}$ ), and they develop methods for generating and recognizing equivalent fractions

(4) Students recognize area as an attribute of two-dimensional regions. They measure the area of a shape by finding the total number of same-size units of area required to cover the shape without gaps or overlaps, a square with sides of unit length being the standard unit for measuring area. Students understand that rectangular arrays can be decomposed into identical rows or into identical columns. By decomposing rectangles into rectangular arrays of squares, students connect area to multiplication, and justify using multiplication to determine the area of a rectangle.

(5) Students describe, analyze, and compare properties of two-dimensional shapes. They compare and classify shapes by their sides and angles, and connect these with definitions of shapes. Students also relate their fraction work to geometry by expressing the area of part of a shape as a unit fraction of the whole. Students describe, analyze, compare, and classify two-dimensional shapes based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry.

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

## **Mathematics 4**

*Course Code: 5012060*

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

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

## **Accelerated Mathematics Plan Grade 4**

*Course Code: 5012065*

In this course, instructional time should focus on three critical areas: (1) developing fluency with addition and subtraction of fractions, and developing understanding of the multiplication of fractions and of division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions); (2) extending division to 2-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations; and (3) developing understanding of volume.

(1) Students extend previous understandings about how fractions are built from unit fractions, composing fractions from unit fractions, decomposing fractions into unit fractions, and using the meaning of fractions and the meaning of multiplication to multiply a fraction by a whole number. Students apply their understanding of fractions and fraction models to represent the addition and subtraction of fractions with unlike denominators as equivalent calculations with like denominators. They develop fluency in calculating sums and differences of fractions, and make reasonable estimates of them. Students also use the meaning of fractions, of multiplication and division, and the relationship between multiplication and division to understand and explain why the procedures for multiplying and dividing fractions make sense. (Note: this is limited to the case of dividing unit fractions by whole numbers and whole numbers by unit fractions.)

(2) Students generalize their understanding of place value to 1,000,000, understanding the relative sizes of numbers in each place. Students apply their understanding of models for division, place value, properties of operations, and the relationship of division to multiplication as they develop, discuss, and

use efficient, accurate, and generalization procedures to find quotients involving multi-digit dividends. They select and accurately apply appropriate methods to estimate and mentally calculate quotients, and interpret remainders based upon the context. Students develop understanding of why division procedures work based on the meaning of base-ten numerals and properties of operations. They finalize fluency with multi-digit addition, subtraction, multiplication, and division. They apply their understandings of models for decimals, decimal notation, and properties of operations to add and subtract decimals to hundredths. They develop fluency in these computations, and make reasonable estimates of their results. Students use the relationship between decimals and fractions, as well as the relationship between finite decimals and whole numbers (i.e., a finite decimal multiplied by an appropriate power of 10 is a whole number), to understand and explain why the procedures for multiplying and dividing finite decimals make sense. They compute products and quotients of decimals to hundredths efficiently and accurately.

(3) Students recognize volume as an attribute of three-dimensional space. They understand that volume can be measured by finding the total number of same-size units of volume required to fill the space without gaps or overlaps. They understand that a 1-unit by 1-unit by 1-unit cube is the standard unit for measuring volume. They select appropriate units, strategies, and tools for solving problems that involve estimating and measuring volume. They decompose three-dimensional shapes and find volumes of right rectangular prisms by viewing them as decomposed into layers of arrays of cubes. They measure necessary attributes of shapes in order to determine volumes to solve real world and mathematical problems.

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

## **Mathematics 5**

*Course Code: 5012070*

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

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

## **Science Courses:**

### **Science K**

*Course Code: 5020010*

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

### **Science 1**

*Course Code: 5020020*

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

### **Science 2**

*Course Code: 5020030*

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.

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

### **Science 3**

*Course Code: 5020040*

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.

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

## **Science 4**

*Course Code: 5020050*

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

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

## **Science 5**

*Course Code: 5020060*

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

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



## **Social Studies Courses:**

### **Social Studies K**

*Course Code: 5021020*

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.

In the second semester students are introduced to map reading skills. They will be taught to read maps of the U.S. and the world. From learning about location to how water is represented to floor plans, students are introduced to map skills that will last a lifetime.

Students will also learn about symbols of the U.S. such as the American flag and the eagle. From there students learn about holidays with a particular focus on Thanksgiving.

Another focus is on currency. They will be introduced to what money is, how money can be spent, the power of buying locally, and the difference between wants and needs.

Projects will include a piece on distinguishing facts from fiction, buying locally, and focusing on the differences between needs and wants.

### **Social Studies 1**

*Course Code: 5021030*

In this semester, students begin to explore basic fundamentals of social studies including map skills, cardinal directions, and will begin to examine maps of the U.S. and the globe. Students will also be introduced to important figures from American history such as Pocahontas, George Washington, Abraham Lincoln, and Clara Barton.

A skill that students will practice throughout the semester is retelling stories. Students may do this by recording audio, retelling the stories orally, or writing their observations. They will learn how to use details and basics of narratives.

Students will also make maps of their homes, neighborhoods, as well as a personal timeline.

The second semester has a focus on introductory economics. They will study bartering, goods and services, jobs in the community, and how the marketplace works.

Another focus is on positive character traits such as honesty, what the aspects of personal responsibility are, and how to help and respect others.

Historic figures such as Clara Barton and characters from fiction and folklore are used as models for teaching positive traits.

Students will continue practicing their five finger retelling skill with assignments on Martin Alonso (a sailor with Columbus) and George Washington.

Projects will help students think about thoughtful words, showing respect, and being honest. Learners will write, draw, and perform in these projects.

### **Social Studies 2**

*Course Code: 5021040*

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.

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

### **Social Studies 3**

*Course Code: 5021050*

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

### **Social Studies 4**

*Course Code: 5021060*

In Semester A of Social Studies 4, students will explore the early development of the United States. Students will explore the early Native Americans and interactions with early European Settlers and the establishment of the American colonies and early American government.

Students will learn about important documents in the founding of the United States and the establishment of rules and laws that has led to the formation of the federal and state governments as we know them today. Students will have the opportunity to explore their own state government and learn more about the rules and regulations that govern where they live.

In Semester B of Social Studies 4, students will expand on their learning from Semester B, and work their way through American History to post-WWII and science and inventions that started shaping the modern-day United States.

Various concepts including economics, the environment, and American geography will be explored to give students a better idea of all the facets that shape American lives today.

## **Social Studies 5**

*Course Code: 5021070*

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

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

## **Health Courses:**

### **Health Kindergarten**

*Course Code: 5008020*

The purpose of this course is to provide students with the opportunity to gain knowledge and skills necessary to make healthy choices with the overall goal of improving quality of life.

The content should include, but not be limited to, the following:

Core Concepts (health promotion, eating habits, following rules, body parts and hygiene)

Accessing Information (friends, doctor, nurses, hospitals, clinics, basic first aid, rules, emergency drills, and reliable resources)

Internal and External Influences (trusted adults and warning labels)

Interpersonal Communication (verbal and non-verbal, following rules, trusted adults and refusal skills)

Decision Making (positive or negative health enhancing influences, healthy options and safety practices)

Self Management (safety and precautions)

Advocacy (personal hygiene and following rules)

## **Health Grade 1**

*Course Code: 5008030*

The purpose of this course is to provide students with the opportunity to gain knowledge and skills necessary to make healthy choices with the overall goal of improving quality of life, as well as identify various health/safety influences, positive or negative, including family, friends, school, community, and media.

The content should include, but not be limited to, the following:

Core Concepts (health behaviors, disease prevention, body parts following rules and safety)

Accessing Information (family rules, friend behavior, reliable resources and following rules)

Internal and External Influences (warning labels and trusted adults/professionals)

Interpersonal Communication (conflict resolution, verbal and non-verbal, active listening and refusal skills)

Decision Making (positive or negative health enhancing choices, healthy options)

Self Management (reducing risks)

Advocacy (positive promotion, school and community rules)

## **Health Grade 2**

*Course Code: 5008040*

The purpose of this course is to provide students with the opportunity to gain knowledge and skills necessary to make healthy choices with the overall goal of improving quality of life, as well as describe personal health and ways that a safe, healthy home environment can promote personal health and prevent injuries.

The content should include, but not be limited to, the following:

Core Concepts (health promotion, emotions, following rules, body parts and environmental health)

Accessing Information (doctor, nurses, hospitals, clinics, basic first aid, home safety, emergency drills, and reliable resources)

Internal and External Influences (trusted adults and warning labels)

Interpersonal Communication (sharing, conflict resolution, verbal and non-verbal, following rules and refusal skills)

Decision Making (positive or negative health enhancing influences, healthy options)

Goal Setting (personal health and safety)

Self Management (safety and precautions)

Advocacy (encouraging sharing and following rules)

## **Health Grade 3**

*Course Code: 5008050*

The purpose of this course is to provide students with the opportunity to gain knowledge and skills necessary to make healthy choices with the overall goal of improving quality of life, as well as describe personal health and ways that a safe, healthy classroom environment can promote personal health and prevent injuries.

The content should include, but not be limited to the following:

Core Concepts (health promotion, disease prevention, following rules, body parts)

Accessing Information (doctor, nurses, hospitals, clinics, basic first aid, germ prevention, emergency drills, community building, reliable resources)

Internal and External Influences (family, peers, teachers, other adults/professionals, media, internet, responsibility, personal space)

Interpersonal Communication (conflict resolution, verbal and non-verbal, active listening and refusal skills)

Decision Making (positive or negative health enhancing influences, healthy options)

Goal Setting (short and long term health targets, personal health and safety)  
Self Management (self enhancing responsible choices, abstaining from drugs, daily hygiene)  
Advocacy (positive promotion, impacting family, peers, school, community, following rules and policies)

#### **Health Grade 4**

*Course Code: 5008060*

The purpose of this course is to provide students with the opportunity to gain knowledge and skills necessary to make healthy choices with the overall goal of improving quality of life, as well as describe the relationships between a healthy behavior, environment and personal health.

The content should include, but not be limited to the following:

Core Concepts (mental/emotional, physical, and social health promotion, disease and injury prevention)

Accessing Information (cultural influences, medical resources, emergency drills, school and community health)

Internal and External Influences (available resources, products and services)

Interpersonal Communication (conflict resolution, verbal and non-verbal, active listening and refusal skills)

Decision Making (positive/negative healthy options and decisions)

Goal Setting (short and long term health targets, personal health and small groups)

Self Management (self enhancing responsible choices and healthy practices)

Advocacy (positive promotion and modeling healthy choices)

#### **Health Grade 5**

*Course Code:5008070*

The purpose of this course is to provide students with the opportunity to gain knowledge and skills necessary to make healthy choices with the overall goal of improving quality of life, as well as describe the relationships between a healthy behavior, environment and personal health to prevent injuries and health problems.

The content should include, but not be limited to the following:

Accessing Information (family health, following rules, friends, trusted adults in school and community)

Internal and External Influences (warning labels and community helpers)

Interpersonal Communication (conflict resolution, verbal and non-verbal, reporting, active listening and refusal skills)

Decision Making (positive/negative healthy options and decisions)

Goal Setting (short and long term health targets, personal health and small groups)

Self Management (personal health choices)

Advocacy (positive promotion and modeling healthy choices)

#### **Music Education Courses:**

##### **Music - Grade Kindergarten**

*Course Code: 5013060*

Kindergarten students in music class explore their environment and music world through a variety of experiences. Singing, listening, and movement activities will form the foundation for musical development, along with thinking, self-expression, and communication skills will be developed through singing, movement, creative musical play, creating, listening, and understanding activities. A variety of carefully chosen music will allow students to gain knowledge of one's self and build understanding, acceptance, and enrichment throughout their lives. By fostering creativity throughout the curriculum, the seeds of innovation will begin to bloom even in these novice learners.

## **Music Grade 1**

*Course Code: 5013070*

First-grade students in music class explore their world through listening, singing, moving, playing instruments, and creating to stimulate the imagination and lead to innovation and creative risk-taking. As they develop basic skills, techniques, and processes in music, they strengthen their music and extra-music vocabulary and music literacy, as well as their ability to remember, focus on, process, and sequence information. As students sing, play, move, and create together, they develop the foundation for important skills such as teamwork, acceptance, respect, and responsibility that will help students be successful in the 21st century.

## **Music Grade 2**

*Course Code: 5013080*

Second-grade students in music class continue exploration of their world as they strengthen their musical skills, techniques, and processes. Student's working vocabulary and musical literacy and understanding deepen with the ability to use unique musical language to communicate their own ideas. Connections with the arts and other disciplines allow students to transfer knowledge and skills to and from other fields of study. As students sing, play, move, and create together, they continue to build such important skills as teamwork, acceptance, respect, and responsibility that will help them be successful in the 21st century.

## **Music Intermediate 1**

*Course Code: 5013090*

Third-grade\* students in music class explore their world by engaging in active learning processes to refine the skills, techniques, and processes of musicianship through such activities as improvisation and arranging. As they continue to develop their working music and cross-content vocabulary and become able to identify fundamental characteristics of musical structures, they demonstrate artistic growth through cognition and reflection and endeavor to use their own artistic voices to communicate ideas and inventions. They recognize the importance of cultural experiences in music throughout history and in emerging art forms. Music students examine the positive impact of the arts in society and practice creative risk-taking in preparation for contributive citizenship in the 21st century.

## **Music Intermediate 2**

*Course Code: 5013100*

Fourth-grade\* students in music class explore artistic intent by investigating the inventive development of ideas, applying musicianship skills and techniques while engaging in the creation and interpretation of the arts. They analyze the characteristics of musical structures from simple to complex to build understanding and respect for the creative process. As they examine the significant cultural contributions in the arts throughout history, particularly in Florida, they become increasingly able to identify the connections among music and other fields of study. Music students also develop knowledge of careers in, and related to, the arts as they explore the impact of music on the local and global economies of the 21st century and strengthen personal skills for success throughout school and beyond.

## **Music Intermediate 3**

*Course Code: 5013110*

Fifth-grade\* students in music class develop and analyze the skills necessary for the critical assessment of artistic works and creative works in other contexts. They demonstrate the proficiency of comprehensive musicianship and interpretive skills in the arts, which allows them to explore manipulation of musical structures to represent a personal and creative form of artistic communication. As students become more musically sophisticated, they establish and document reciprocal relationships among music and

other disciplines of study. They learn to transfer their music knowledge and innovative skills as a means of discovering the significant contributions of music and the arts, in general, to positive social development and global economic success in the 21st Century.

### **Physical Education Courses:**

#### **Physical Education Grade Kindergarten**

*Course Code: 5015020*

#### **Physical Education Grade1**

*Course Code: 5015030*

#### **Physical Education Grade 2**

*Course Code: 5015040*

#### **Physical Education Grade 3**

*Course Code: 5015050*

#### **Physical Education Grade 4**

*Course Code: 5015060*

#### **Physical Education Grade 5**

*Course Code: 5015070*

### **World Language Courses:**

#### **Elementary Spanish**

*Course Code: 5007020*

Spanish-Elementary introduces students to the target language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. Also, culture, connections, comparisons, and communities are included in this one-year course.

This course shall integrate the Goal 3 Student Performance Standards of the Florida System of School Improvement and Accountability as appropriate to the content and processes of the subject matter. It also must reflect appropriate Next Generation Sunshine State Standards benchmarks and Florida Standards for English language arts and mathematics.

The standards and benchmarks listed for this course are aligned with the expected levels of language proficiency, rather

## **MIDDLE SCHOOL COURSE LISTINGS**

Course titles followed by (ADV) are also available as Advanced.

### **Electives**

#### **M/J Career Research and Decision Making**

*Course Code: 1700060*

This course gives students the opportunity to explore their interests and align them to career opportunities. Throughout this course, students participate in self-assessment activities to help them become aware of their aptitudes, values, and skills. Career clusters are highlighted to provide students with an understanding of the education and training necessary for desired careers. Students also set goals to make informed career decisions. After completing this course, students have skills in communication, teamwork, problem solving, and time management for workplace success. Prerequisites: None. Credits .5

### **M/J Comprehensive PE – Grades 6/7**

*Course Code: 1508060*

This course is designed for 6th and 7th grade students and intended to be 18 weeks in length. The purpose of this course is to provide a foundation of knowledge, skills, and values necessary for the development of a physically active lifestyle. The course content provides exposure to a variety of movement opportunities and experiences which includes, but is not limited to: Fitness Activities, Educational Gymnastics and Dance, and Team Sports. The integration of fitness concepts throughout the content is critical to student success in this course and in the development of a healthy and physically active lifestyle. Prerequisites: None. Credits .5

### **M/J Comprehensive PE – Grades 7/8**

*Course Code: 1508070*

This course is designed for 7th and 8th grade students and is intended to be 18 weeks in length. The purpose of this course is to build on previously acquired knowledge, skills, and values necessary for the implementation and maintenance of a physically active lifestyle. The course content provides exposure to a variety of movement opportunities and experiences which include, but is not limited to: Outdoor Pursuits/Aquatics, Individual/Dual Sports and Alternative/Extreme Sports. The integration of fitness concepts throughout the content is critical to student success in this course and in the development of a healthy and physically active lifestyle. Prerequisites: None. Credits .5

### **M/J Creative Photography 1**

*Course Code: 0102040*

In this course, students learn and apply fundamental skills to use a camera and take photographs of animals, people, and landscapes. Students gain an understanding of how photography can be a means of documentation or high art. Students examine photographic careers and explore self-reflection to progress their creative growth as they develop a photographic portfolio. This course helps students select subjects, take a photograph, and print and display memories! Prerequisites: None. Credits 1.

### **M/J Critical Thinking, Problem Solving and Learning**

*Course Code: 1700100*

This course teaches students how to find important information quickly, transfer it from short- to long-term memory, and perform better on assignments and tests. The course teaches students specific strategies to use in any content area in their academic studies to become more efficient learners. Students will feel confident in their abilities to link new information to what they already know. As 21st century learners, students have big demands on their time. This course helps them find balance and prioritize the things they need to accomplish, both short and long term. Finally, the most well rounded student is one who can think critically in all aspects of life, academic and



nonacademic. Through real-world situations, students use oral and written communication to build better relationships and take pride in the ownership of their actions and words. Prerequisites: None. Credits 1.0

### **M/J Exploring Two-Dimensional Art**

*Course Code: 0101005*

Students investigate a wide range of media and techniques, from both an historical and contemporary perspective, as they engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st-century skills. Opportunities are provided for creative decision-making in the context of the structural elements of art and the organizational principles of design. This course incorporates hands-on activities and consumption of art materials. Prerequisites: None. Credits 0.5

### **M/J Fitness – Grade 6**

*Course Code: 1508000*

This fitness course is designed for 6th grade students and intended to be 18 weeks in length. The purpose of this course is to provide students with the knowledge, skills, and values they need to become healthy and physically active for a lifetime. This course addresses both the health and skill-related components of physical fitness which are critical for students' success. Prerequisites: None. Credits .5

### **M/J Intensive Reading**

*Course Code: 1000010*

The purpose of this course is to provide instruction that enables students to accelerate the development of reading and writing skills and to strengthen those skills so they are able to successfully read and write middle grade level text independently. Instruction emphasizes reading comprehension, writing fluency, and vocabulary study through the use of a variety of literary and informational texts encompassing a broad range of text structures, genres, and levels of complexity. Texts used for instruction focus on a wide range of topics, including content-area information, in order to support students in meeting the knowledge demands of increasingly complex text. Students enrolled in the course will engage in interactive text-based discussion, question generation, and research opportunities. They will write in response to reading and cite evidence when answering text dependent questions orally and in writing. The course provides extensive opportunities for students to collaborate with their peers. Scaffolding is provided as necessary as students engage in reading and writing increasingly complex text and is removed as the reading and writing abilities of students improve over time. Prerequisites: FSA Level 1 Reading Score. Credits 1.0

## **Language Arts**

### **M/J Language Arts 1 (ADV)**

*Course Codes: 1001010, Adv: 1001020*

In this course, you'll read short stories and novels, listen to music, read newspapers, and even interview your parents. There will be information about vocabulary, grammar and getting the punctuation right. Prerequisites: 6<sup>th</sup> Grade Standing. Credits 1.0

### **M/J Language Arts 2 (ADV)**

*Course Codes: 1001040, Adv: 1001050*

In this course, you will read and listen to other people's words. You will analyze what they are saying and how they are saying it. You will read everything from newspapers to novels.

Prerequisites: 7<sup>th</sup> Grade Standing. Credits 1.0

### **M/J Language Arts 3 (ADV)**

*Course Codes: 1001070, Adv: 1001080*

The purpose of this course is to give you the tools to understand and express who you are and where you want to go. By the end of the course, your portfolio of writings will give you a descriptive self-portrait of a young adult growing up. Prerequisites: 8<sup>th</sup> Grade Standing. Credits 1.0

## **Mathematics**

### **M/J Grade 6 Mathematics (ADV)**

*Course Codes: 1205010, Adv: 1205020*

This course is designed to engage you at every turn. You will have opportunities to demonstrate your knowledge on number manipulation by applying them to real world scenarios. Prerequisites: 6<sup>th</sup> Grade Standing. Credits 1.0

### **M/J Grade 7 Mathematics (ADV)**

*Course Codes: 1205040, Adv: 1205050*

This course gives plenty of opportunity to create, investigate, and demonstrate mathematical knowledge at both the intermediate and advanced levels. Prerequisites: 7<sup>th</sup> Grade Standing. Credits 1.0

### **M/J Grade 8 Pre-Algebra**

*Course Codes: 1205070*

The instruction in this course will focus on three critical areas: (1) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations. Prerequisites: 8<sup>th</sup> Grade Standing. Credits 1.0

## **Natural Sciences**

### **M/J Comprehensive Science 1 (ADV)**

*Course Codes: 2002040, Adv: 2002050*

This course provides an introduction to Science, Energy, Force, Weather, Climate, The Earth's Systems, and the Living World. Prerequisites: 6th Grade Standing. Credits 1.0

### **M/J Comprehensive Science 2 (ADV)**

*Course Codes: 2002070, Adv: 2002080*

In this course students explore: The Foundations of Science, Energy, The Earth and its features, The Earth's internal and external structures and how they change, The Earth's history, living things and how they change and interact, Genetics and Heredity, and The Organization of the living world. Prerequisites: 7th Grade Standing. Credits 1.0

### **M/J Comprehensive Science 3 (ADV)**

*Course Codes: 2002100, Adv: 2002110*

Topics covered in this course include: The Nature of Science, Earth and Space Science, Properties of Matter, Changes in Matter, Matter and Energy, and Energy flow in the living world. Prerequisites: 8th Grade Standing. Credits 1.0

## **Social Sciences**

### **M/J Civics (ADV)**

*Course Codes: 2106010, Adv: 2106020*

Learning about civics gives students the skills and knowledge necessary to be active citizens who have a positive impact on their communities. In this course, students discover the rights and responsibilities of citizenship in the United States. They learn about the structure of the government and how it works at the local, state, and federal levels. This course examines elections, the lawmaking process, and how citizens can impact public policy. Students also discover ways the United States interacts with countries around the world. Geography and economics support the learning of civics in this course. Engaging in this study prepares students to be informed citizens who are ready to participate in the American democracy! Prerequisites: 7<sup>th</sup> Grade Standing. Credits 1.0

### **M/J US History (ADV)**

*Course Codes: 2100010, Adv: 2100020*

You will investigate history by using the tools of a historian to examine the historical, geographic, political, economic, and sociological events that influenced the development of the United States. Prerequisites: 6<sup>th</sup> grade or 8<sup>th</sup> grade standing. Credits 1.0

### **M/J World History (ADV)**

*Course Codes: 2109010, Adv: 2109020*

Somebody discovered the wheel. Somebody discovered written communication. Somebody even figured out how to count to ten. From the ancient river civilizations to China and its ancient dynasties, different civilizations left their mark on history. They also left their mark on how we live today. In this course, students join travel agent Mr. Lightfoot to travel back in time digging out the past of these ancient civilizations. In ancient Egypt students visit the pyramids and find out the secrets of preserving mummies. They see how the Mayans developed astronomy to a precise science. They even investigate the difference between the Athenians and the Spartans. Students will journey through India discovering their contributions to medicine, moving on to Africa to follow the rise and fall of the ancient east African kingdoms of Kush and Axum. Throughout the centuries, and still today, our world is made up of dozens of different cultures. They all are different, and they all have made big contributions to what we know and who we are. Prerequisites: 6<sup>th</sup> Grade Standing. Credits 1.0

## World Languages

### **M/J Spanish Beginning**

*Course Code: 0708000*

You will acquire the skills to read, write and speak in Spanish. You will also learn the basic Spanish grammar that will make your sentences come out right. Prerequisites: None. Credits 1.0

### **M/J Spanish Intermediate**

*Course Code: 0708010*

You will learn how to speak Spanish in many practical and useful situations that will apply to your everyday environment. You will learn how to greet people, introduce yourself, speak about your family, your home, food, sports, weather and your likes and dislikes. Prerequisites: Successful completion of M/J Spanish Beginning or equivalent. Credits 1.0

## HIGH SCHOOL COURSE LISTINGS

*High School, Grades 9-12*

Course titles followed by (HON) are also available as Honors

### Electives

#### **Art History and Criticism 1 Honors**

*Course Code: 0100330*

Students explore the role of art in history and culture through observation and analysis of significant works of art and architecture from Prehistory through the 16th century. Student historians investigate the societal context of works, considering traditional forms and conventions of representation, symbology, and the purposes for which the art was created. The course includes an introduction to the methodologies of art history and criticism, study of the media and techniques used by artists from various cultures and time periods, and use of appropriate terminology in verbal and written analyses of artworks drawn from around the world. Student historians critique and compare works across time and cultures to develop an understanding of, and respect for, the visual arts as a chronicle of history, cultural heritage, and the human experience. This course may incorporate hands-on activities and consumption of art materials.

Prerequisites: None. Credits 1.0

#### **Art in World Cultures**

*Course Code: 0100320*

Who is the greatest artist of all time? Is it Leonardo daVinci? Claude Monet? Michelangelo? Pablo Picasso? Is the greatest artist of all time someone whose name has been lost to history? You will learn about some of the greatest artists while also creating art of your own, including digital art. We will explore the basic principles and elements of art, learn how to critique art, and examine some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art. Prerequisites: None. Credits .5

#### **Career Research and Decision Making**

*Course Code: 1700380*

The purpose of this course is to further develop the career planning competencies mandated by section 1003.4156, Florida Statutes. This course will enable students to make informed career choices and develop the skills needed to successfully plan and apply for college or a job. The content includes, but is not limited to, the following: goal-setting and decision-making processes, self-assessment, sources of career information, occupational fields and educational requirements - postsecondary education and training opportunities -writing, listening, viewing, and speaking skills for applications and interviews, financial planning and sources of educational financial assistance and career planning.

Prerequisites: None. Credits .5

#### **Creative Photography 1**

*Course Code: 0108310*

Students explore the aesthetic foundations of art making using beginning photography techniques. This course may include, but is not limited to, color and/or black and white photography via digital media and/or traditional photography. Students become familiar with the basic mechanics of a camera, including lens and shutter operation, compositional foundations, printing an image for

display, and evaluating a successful print. Student photographers may use a variety of media and materials, such as 35mm black and white film, single lens reflex camera, digital camera, darkroom, computer application, filters, various papers, digital output, photogram, cyanotypes, Sabatier effect, and pinhole photography. Craftsmanship and quality are reflected in the surface of the prints and the care of the materials. Photographers use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

Prerequisites: None. Credits 1.0

### **Creative Writing 1**

*Course Code: 1009320*

For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to understand ourselves and our world a little bit better. This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing. Prerequisites: None. Credits .5

### **Critical Thinking and Study Skills**

*Course Code: 1700370*

Get better grades and higher test scores, and increase your success in high school. If you are already a good student, you will learn new study skills and testing skills that will help you get even better. If you struggle in school, this course will give you the Success Mindsets, study skills, and testing skills to perform at new levels. You will learn the ACE test-taking method to increase your score on key tests such as the ACT, SAT, and tests for graduation. Prerequisites: None. Credits .5

### **Criminal Justice Operations 1**

*Course Code: 8918010*

In Criminal Justice Operations 1, a one-credit course, is designed to introduce students to the fields of law enforcement, the court system, and the correctional system. This course provides technical skill proficiency, industry content knowledge and competency-based applied learning that contributes to the higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, needed in all aspects of Law, Public Safety and Security Careers. This course is about criminal justice and its development. Due to the nature of this subject, the material can be very detailed and in some cases shocking. The lab projects involve all aspects of the various professions in order to present a complete picture.

Prerequisites: None. Credits 1.0

### **Culinary Arts 1**

*Course Code: 8800510*

Thinking of a career in the food service industry or looking to develop your culinary skills? This introductory course will provide you with basic cooking and knife skills while preparing you for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Finally, prepare for your future by

building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts.

Did you know that baking is considered a science? Building on the prior prerequisite course, discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. The last unit in this course explores careers in the culinary arts for ways to channel your newfound passion! **Credit 1.0**

## **Culinary Arts 2**

*Course Code: 8800520*

Baking, Pastry, and More! Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, Culinary Arts 2 will help you build a strong foundation and grow your knowledge of this exciting industry. In this course, you will explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. You will also enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company. Discover the delights that await you on this delicious culinary adventure! **Credits 1.0**

## **Digital Information Technology**

*Course Code: 8207310*

This course is designed to introduce information technology concepts and careers. Students will explore the impact that modern information technology has had on the world, people, and industry. The content includes understanding of basic computer hardware and software, hands-on Microsoft Office 2010 training, and integration of core education skills. Beginning this year, Microsoft Office Certification will be a major impetus of this course. Students will be able to receive industry certification in the following Microsoft Office products: Excel, PowerPoint, Word, Outlook, and Access. Microsoft industry certifications are some of the most rigorous, in-depth, and challenging exams any student can undertake. Successful completion of the certification process will give our students a highly competitive edge in today's job market. Completion of this course includes preparation for the Microsoft Office Industry Certification Exams: Word 2016, Excel 2016, PowerPoint 2016, and CompTIA A+. **Credits 1.0**

## **Driver Education/Traffic Safety Class**

*Course Code: 1900300*

Students will study the Highway Transportation System, road signs, rules of the road, accident avoidance, and making good choices behind the wheel. Students will begin to develop the skills necessary to become safe, responsible Florida drivers. Students will view many road simulations throughout the course designed to help increase their knowledge of real world driving. This course covers the Florida Department of Highway Safety and Motor Vehicles required completion of the Traffic Law & Substance Abuse Education (TLSAE). Prerequisites: Must be 14 and a half years old. **Credits .5**

## **Engaged Citizenship through Service Learning**

*Course Code: 2104350*

This course provides an introduction and opportunities for leadership in the areas of service-learning and civic responsibility. Academic, personal, and career skills needed for effective service-learning project implementation will be taught and applied through structured service projects that meet real school and/or community needs. Students will actively participate in meaningful service-learning experiences of at least 30 hours' duration.

Credits: .5 Pre-requisites: None

## **Forensic Science 1**

*Course Code: 2002480*

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI).

Starting with how clues and data are recorded and preserved, students examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy are examined. Prerequisites: 10-12<sup>th</sup> grade status recommended. Credits 1.0

## **Foundations of Programming**

*Course Code: 9007210*

Foundations of Programming will teach students the fundamentals of programming using the computer language Python. The course provides students with the concepts, techniques, and processes associated with computer programming and software development. Students will also explore the many programming career opportunities available in this high-demand field.

Prerequisites: Digital Information Technology recommended. Credits 1.0

## **Intensive Reading**

*Course Code: 1000410*

The purpose of this course is to provide instruction that enables students to accelerate the development of reading and writing skills and to strengthen those skills so they are able to successfully read and write grade level text independently. Instruction emphasizes reading comprehension, writing fluency, and vocabulary study through the use of a variety of literary and informational texts encompassing a broad range of text structures, genres, and levels of complexity. Texts used for instruction focus on a wide range of topics, including content-area information, in order to support students in meeting the knowledge demands of increasingly complex text.

Students enrolled in the course will engage in interactive text-based discussion, question generation, and research opportunities. They will write in response to reading and cite evidence when answering text dependent questions orally and in writing. The course provides extensive opportunities for students to collaborate with their peers. Scaffolding is provided as necessary as students engage in reading and writing increasingly complex text and is removed as the reading and writing abilities of students improve over time. Credits 1.0



## **Introduction to Hospitality and Tourism (Level 2)**

*Course Code: 8850110*

With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism is one of the fastest growing industries in the world. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Student will learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field. Prerequisites: None. Credits 1.0

## **JavaScript Program**

*Course Code: 9007520*

In this course, students will learn how to start programming with JavaScript. Students will learn the basics of JavaScript including testing, functions, objects, arrays, loops, conditional code, operators and syntax basics. Students will learn timing and animations, and how to debug. The class will conclude with a robust project that incorporates everything they learned in the semester. Students should have a working knowledge of HTML and CSS prior to taking this course. Prerequisites: None. Credits 1.0

## **Journalism 1**

*Course Code: 1006300*

Understanding the role of the free press in America helps students to be better informed and more able to analyze media. In this course, students explore the history of journalism in the United States from its inception in the colonies and its key role in the 1st Amendment, all the way up to present-day issues regarding “right to know” and the changing landscape of journalistic media in the 21st century. Students acquire the skills and information needed to actively participate in the consumption, analysis, and creation of news media and have the opportunity to investigate the constantly evolving career opportunities within the field of journalism.

As students work through each module, they use Web 2.0 tools to respond to current news and shifts in journalism, create original projects, and reflect on the changing face of news. Authentic assessments, interactive examples, and self-checks deepen students’ understanding of the topics covered and prepare them for work or further study in the field of journalism. Prerequisites: None. Credits 1.0

## **Law Studies**

*Course Code: 2106350*

Laws affect the lives of American adults and teenagers differently. In this course, students examine laws and court decisions that apply to all citizens, as well as those that specifically outline the rights of teenagers. Students gain a greater understanding of the foundations of the United States government and legal system as they review the principles outlined in the founding documents. In addition to studying criminal and civil law, students also explore life events covered under family law and the legal protections given to consumers. Students are challenged to investigate Supreme Court rulings and apply them to situations faced by teenagers.

The course offers students the chance to express and support their opinions about changing public policies and current legal issues. The focus is on understanding legal concepts and how to find answers about legal questions, rather than memorizing case information and technical details; the

ultimate goal is to provide students an opportunity to earn an elective credit through interaction with engaging content. Prerequisites: None. Credits .5

### **Leadership Skills Development**

*Course Code: 2400300*

In this course, students will acquire new power to succeed in high school, college, and life. Students will learn how to take action by pressing their Turbo Button, manage their time by staying in the Lasting Zone, chart their goals by creating a North Star, and many other proven leadership techniques developed by Mawi Learning, a leadership training organization that has worked with more than one million students. Whether students are struggling or already at the top of their game, Leadership Skills Development will give them new power to create the life of their dreams.

Prerequisites: None. Credits 1.0

### **Mathematics for College Success**

*Course Code: 1200410*

This course is targeted for students who are not yet “college ready” in mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Expressions and Equations, The Number System, Ratios and Proportional Relationships, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses. Prerequisites: None. Credits .5

### **Peer Counseling**

*Course Code: 1400300*

The purpose of this course is to enable students to develop basic knowledge and skills in communication, meeting human needs, and conflict resolution. Prerequisites: None. Credits .5

### **Personal, Career, and School Development Skills**

*Course Code: 0500520*

The purpose of this course is to enable students to develop basic knowledge and skills in the college application process as well as financial planning, federal aid, and scholarships. Professional etiquette, writing résumés and cover letters will be discussed. Community involvement and extracurricular activities along with stress management, study habits and standardized tests are also addressed in this course. College and career exploration, peer pressure and decision making skills will be reviewed. Credit 1.0

### **Personal and Family Finance/Personal Financial Literacy: Level 2**

*Course Code: 8500120*

They say money makes the world go round; but how? In this course, students learn how money impacts their world. Why do we pay taxes? How do credit cards work? How can students learn to spend money without going into debt? This course teaches students how to manage money properly to achieve financial success. Students learn how avoid common financial mistakes, as well as how to invest for their future. After completing the course, students understand how the financial world works and have the knowledge to manage their personal and family finances effectively. Prerequisites: None. Credits .5

## **Psychology 1**

*Course Code: 2107300*

The purpose of this course is to introduce you to the psychological facts, principles, and phenomena associated with each of the subfields within psychology. Prerequisites: None. Credits .5

## **Reading for College Success**

*Course Code: 1008350*

This course is targeted for grade 12 students whose test scores on the Postsecondary Educational Readiness Test are below the established cut scores, indicating that they are not "college-ready" in reading. This course incorporates reading and analysis of informational selections to develop critical reading skills necessary for success in college courses. This course prepares students for successful completion of Florida college English language arts courses requiring extensive grade-level reading. Prerequisites: None. Credits .5

## **Social Media 1**

*Course Code: 1006375*

The purpose of this course is to enable students to develop fundamental skills in the use of social media across print, multimedia, web, and broadcast platforms, including ethical and legal uses. Prerequisites: None. Credits .5

## **Sociology**

*Course Code: 2108300*

The world is becoming more complex. How do your beliefs, values and behavior affect the people around you and the world in which we live? Students will examine social problems in our increasingly connected world, and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys to an array of areas in the sociological world are an important component of this relevant and engaging course Prerequisites: None. Credits .5

## **Sports, Recreation and Entertainment Marketing Management**

*Course Code: 8827430*

Sports and Entertainment Marketing can offer you a career in entertainment through the knowledge of traditional marketing, but with a whole lot more glamour. Explore the basic marketing principles and delve deeper into the multibillion dollar sports and entertainment marketing industry. You will learn how professional athletes, sports teams, and famous entertainers are marketed as commodities and how the savvy people who handle these deals can become very successful. This course will pull back the proverbial curtain and show you exactly how things work behind the scenes of a major entertainment event and how you can be part of the act. Prerequisites: None. Credits 1.0

## **Team Sports 1**

*Course Code: 1503350*

To improve and maintain optimum health, it is necessary for people of all ages to participate in physical exercise. There is little doubt that, in addition to students in schools, the number of adults participating in sports and recreational activities in the United States has increased in recent years.

Physical education is much more than just fitness and exercise. A well-planned program will cause you to think and express your emotions about different situations. In addition, a good program can make a valuable contribution to your education. These experiences will help you develop a sense of wellness. Emphasis in this course is placed on the value of these sports as possible lifetime activities and on creating a clear explanation of the rules and basic principles of a variety of sports. The sports covered in this course are archery, bicycling, golf, skiing, tennis, volleyball, baseball, basketball, football, hockey, and soccer. Information about the playing area and equipment, basic rules, safety considerations, and terminology for each sport are included in the discussions. For the most part, the information presented in each lesson applies to sports programs throughout most sections of the United States. Prerequisites: None. Credits 0.5

### **Theatre, Cinema and Film Production**

*Course Code: 0400660*

In Theatre, Cinema, and Film Production, a one-credit course, students explore the elements of theater and cinematic techniques used by those who create performance productions. As students' progress through the course they view the historical development of different genres and the reasons why they were used. Students reflect upon how a production has been affected by the events surrounding its date of creation and how productions affect audiences that view them. This course offers a detailed view of film and theater backstage operations while allowing the student to speculate on why a director chooses certain perspectives. Students are asked to apply what they have learned in end of module lab projects. Prerequisites: None. Credits 1.0

### **English**

#### **English 1 (HON)**

*Course Codes: 1001310, Hon: 1001320*

Great books, short stories, poems and plays convey messages and feelings that make them great. The purpose of this course is to give you the tools to see and hear with real understanding, and to communicate with real conviction. Prerequisites: None. Credits 1.0

#### **English 2 (HON)**

*Course Codes: 1001340, Hon: 1001350*

Through the study of literature, nonfiction, and life, we will explore what it means to be human, what it means to be fulfilled, triumphant, empowered, and transformed. Prerequisites: English 1 recommended. Credits 1.0

#### **English 3 (HON)**

*Course Codes: 1001370, Hon: 1001380*

In this course, you'll gain an appreciation of American literature and the ways it reflects the times in which it was written. You'll discover how people thought and lived and wrote about their experiences. Prerequisites: English I and II recommended. Credits 1.0

## **English 4 (HON)**

*Course Codes: 1001400, Hon: 1001410*

You will be guided through a series of literary pieces that allow you to analyze the political, social, economic, and cultural messages of its time as well as its relevance to the world you live in today. Prerequisites: English I, II and III recommended. Credits 1.0

## **Mathematics**

### **Advanced Topics in Math**

*Course Code: 1298310*

Advance Topics in Mathematics is a course designed for students who are following the Algebra-Geometry-Algebra II sequence and have successfully completed a year in each of those courses. Furthermore, this course is designed for students who are capable of a more advanced course at a normal pace. Students are expected to study and complete all homework assigned for this course. Emphasis will be on practical applications and modeling throughout the course of study. Oral and written communication concerning the language of algebra, logic of procedures, and interpretation of results will also be required during the course. Credits 1.0

### **Algebra 1 (HON)**

*Course Codes: 1200310, Hon: 1200320*

This course is designed to give you the skills and strategies for solving all kinds of mathematical problems. It will also give you the confidence that you can handle everything that high school math has in store for you. Prerequisites: Successful completion of Pre-Algebra or equivalency. Credits 1.0

### **Algebra 2 (HON)**

*Course Codes: 1200330, Hon: 1200340*

This course will begin with a review of basic algebra, travel through systems of equations, factoring, and radical and quadratic equations in the first segment. In the second segment, you will venture into the realms of polynomial functions, rational equations, exponential and logarithmic relations, landing at sequences and series. Prerequisites: Successful completion of Algebra I. Credits 1.0

### **Calculus (HON)**

*Course Code: 1202300*

Students in this course will walk in the footsteps of Newton and Leibnitz. An interactive text and graphing software combine with the exciting on-line course delivery to make calculus an adventure. The course includes a study of limits, continuity, differentiation, and integration of algebraic, trigonometric, and transcendental functions, and the applications of derivatives and integrals. Prerequisites: Algebra I; Geometry; Algebra II and Pre-Calculus or Trigonometry/Analytical Geometry. Credits 1.0

### **Geometry (HON)**

*Course Codes: 1206310, Hon: 1206320*

Throughout this course, we'll take you on a mathematical highway illuminated by spatial relationships, reasoning, connections, and problem solving. Prerequisites: Successful completion of Algebra I. Credits 1.0

## **Liberal Arts Mathematics 1**

*Course Code: 1207300*

Liberal Arts Mathematics 1 is a course designed to strengthen mathematical skills for study beyond Algebra 1. The course can be used as needed to fit individual district course progression plans and can be taken either before or after Algebra 1. The topics include, but are not limited to, linear equations and inequalities, operations with polynomials, data representation and analysis, geometric constructions, symmetry, similarity, systems of linear equations and inequalities, functions, quadratic equations, exponential equations, rational equations, radical equations, and graphing equations and functions. Prerequisites: None. Credits 1.0

## **Math for College Readiness**

*Course Code: 1200700*

Are you ready for college success? This course is intended for grade 11 or 12 students, whose test scores on the Postsecondary Educational Readiness Test (P.E.R.T.) are at or below the established cut scores for mathematics, indicating that they are not yet “college ready” in mathematics or simply need some additional instruction in content to prepare them for success in college level mathematics. This course incorporates the Common Core Standards for Mathematical Practices as well as the following Common Core Standards for Mathematical Content: Expressions and Equations, the Number System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Common Core Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses. Prerequisites: Algebra II. Credits 1.0

## **Pre-Calculus Honors**

*Course Code: 1202340*

Students, as mathematic analysts, investigate how advanced mathematics concepts are used to solve problems encountered in operating national parks. As students venture from algebra to trigonometry, they analyze and articulate the real-world application of these concepts. The purpose of this course is to study functions and develop skills necessary for the study of calculus. This course includes algebra, analytical geometry, and trigonometry. Prerequisites: Algebra I; Algebra II; Geometry. Credits 1.0

## **Natural Sciences**

### **Anatomy and Physiology (HON)**

*Course Codes: 2000350, Hon: 2000360*

Explore the organization of the human body and how it works. Acquire knowledge necessary to understand what the body is doing and how you can help the body cope with many different situations. Body systems will be studied in order to understand how their structure, location, and function allow for interaction with other parts of the body. Prerequisites: Biology I recommended. Credits 1.0

### **Biology 1 (HON)**

*Course Codes: 2000310, Hon: 2000320*

This course provides an in depth look at the fundamental characteristics of living organisms. It is designed to promote scientific inquiry and discovery. The students will be introduced to the structure, function, diversity, and evolution of living matter. Prerequisites: None. Credits 1.0

### **Chemistry 1 (HON)**

*Course Codes: 2003340, Hon: 2003350*

This course is designed to serve as a foundation for the study of Chemistry. The utilization of scientific inquiry, web 2.0 tools, interactive experiences, higher order thinking, collaborative projects, real world application through labs and a variety of assessments all aid the student in ultimately demonstrating a vast understanding of the importance of Chemistry in the world around them; enabling them to apply these properties to their everyday lives. Prerequisites: Algebra I. Credits 1.0

### **Marine Science 1 (HON)**

*Course Codes: 2002500, Hon: 2002510*

In the marine science course, students will delve deep into Earth's bodies of water and study geologic structures and how they impact the oceans. Students will investigate characteristics of various populations, patterns of distribution of life in our aquatic systems, and ongoing changes occurring every day in our precious ecosystems. Prerequisites: Biology I. Credits 1.0

### **Physical Science (HON)**

*Course Codes: 2003310, Hon: 2003320*

Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, chemical bonding and reactions. This course is designed to serve as a foundation for the study of the physical sciences. Prerequisites: None. Credits 1.0

### **Physics 1 (HON)**

*Course Codes: 2003380, Hon: 2003390*

You'll learn the concepts, theories and laws that govern the interaction of matter, energy and forces. From tiny atoms to galaxies with millions of stars, the universal laws of physics are there for you to observe and apply. Prerequisites: Algebra I; Algebra II recommended. Credits 1.0

### **Physical Education**

#### **Fitness Lifestyle Design**

*Course Code: 1501310*

In this course, you will improve your flexibility, enhance your cardiovascular fitness, and increase your strength and endurance. This course will help you experience the benefits of exercise, good diet and proper weight. Prerequisites: None. Credits .5

#### **Health Opportunities through Physical Education (HOPE)**

*Course Code: 3026010*

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. Students will realize the full benefit of this course when it is taught with an integrated approach. Prerequisites: None. Credits 1.0

## **Health 1 - Life Management Skills**

*Course Code: 0800300*

This course is all about you and the important decisions you make. It's also about having the correct information before making those decisions. We'll deal with real issues like nutrition, substance abuse, coping with stress, and sexual abstinence. Prerequisites: None. Credits .5

## **Personal Fitness**

*Course Code: 1501300*

By taking this course you will feel the difference, both physically and mentally. You will start by assessing your current physical condition. By the end of the course, you will have developed the kind of healthy habits that will last a lifetime. Prerequisites: None. Credits .5

## **Social Sciences**

### **United States Government (HON)**

*Course Codes: 2106310, Hon: 2106320*

You will gain a greater understanding on the history of the country's beginnings, and knowledge of how government functions at the local, state and national levels. Prerequisites: Recommended for 11<sup>th</sup> grade or higher. Credits .5

### **United States History (HON)**

*Course Codes: 2100310, Hon: 2100320*

In this course, you will look at some of the most profound questions that thoughtful Americans still debate. You will research many important events throughout the history of America. In the process, you will witness the development of America from its first settlers to today's superpower status. Prerequisites: Recommended for 11<sup>th</sup> Grade. Credits 1.0

### **Economics (HON)**

*Course Codes: 2102310, Hon: 2102320*

Economic decisions affect us every day of our lives. Understanding economics means thinking about how scarcity, or limited resources, requires us to make choices and evaluate one option against others. In this course, you will recognize examples of economics in your daily life. You will see how the economic choices of larger groups, like businesses and governments, affect you and others. As you progress through the course, you will recognize that the costs and benefits of choices connect individuals and groups around the world. The purpose of this course is to help you become a smart consumer who understands the flow of an economy between individuals, businesses, governments, and the rest of the world.

Prerequisites: Recommended for 11<sup>th</sup> grade or higher. Credits .5

### **World History (HON)**

*Course Codes: 2109310, Hon: 2109320*

Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings. Prerequisites: None. Credits 1.0



## World Languages

### **Chinese 1 (Check for availability)**

*Course Code: 0711300*

In this course, students learn the basic Chinese language. At the very beginning, the course starts by introducing students to a general knowledge of Pinyin, Mandarin Chinese, Chinese dialects, and Chinese characters. After one semester, students will be able to engage in conversation in Chinese including greeting people, introducing themselves to others, and exchanging basic information with others. Students learn to count from 1 to 1000 and make simple sentences in both spoken and written Chinese. They also learn 160 "magical" Chinese characters and use them on a variety of topics. As students walk through the units step by step, they get to know not only the language itself, but also the culture in which the language takes place and keeps developing. Prerequisites: None. Credits 1.0

### **Chinese 2 (Check for availability)**

*Course Code: 0711310*

Chinese II enables students to further develop the communicative skills of listening, speaking, reading, and writing Mandarin Chinese at a more advanced level. The course immerses students in Chinese culture as virtual exchange students in China. Virtual excursions from one Chinese city to another expand the students' vocabulary, helping them learn to interact with others and use appropriate terms to communicate in various everyday situations. Prerequisites: Chinese I, or equivalent. Credits 1.0

### **Chinese 3 (HON) (Check for availability)**

*Course Code: 0711320*

In Chinese III, students continue to expand their abilities in various aspects of Chinese Mandarin. Students continue to build their knowledge of vocabulary, sentence patterns, and grammar points in communicative contexts. They also enhance their Chinese Mandarin listening and speaking skills, such as pronunciation and intonation. Students learn more in-depth Chinese reading and writing strategies and skills. The Chinese III course greatly improves students' reading abilities, and students are able to write in Chinese in various formats such as journal, letter, invitation, and essay. The course also enriches and fortifies the students' knowledge and skills in writing simplified Chinese characters.

In this course, students learn more essential knowledge of Chinese culture, including the origins, histories, anecdotes, and etiquettes for various cultural settings, events, and occasions. Students also learn to compare and contrast the Chinese culture with their own cultures in many different aspects. Prerequisites: Chinese II, or equivalent. Credits 1.0

### **French 1**

*Course Code: 0701320*

In this course, students learn the basic French language. After one semester, students will be able to engage in conversation in French including greeting people, introducing themselves, and exchanging basic information with others. Students learn to count from one to 1,000 and make simple sentences in both spoken and written French. Students continue to develop their French skills in semester two.

New words and phrases are introduced with pictures, audio clips, and examples. Students learn basic French grammar to help them build fluency and understand the structure of the French

language. Students have many opportunities to practice what they learn through interactive practice activities in the form of games, written practice, and listening and speaking exercises. Students also explore the cultures of France, Canada, and other French-speaking regions by learning about geography, foods, celebrations, and traditions from each place. Bon Voyage! Enjoy the trip! Credits 1.0

## **French 2**

*Course Code: 0701330*

The purpose of this course is to further develop the French communicative skills of listening, speaking, reading and writing. In French II, students will broaden their French vocabulary and knowledge of grammar. Students will also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world. Prerequisites: French I, or equivalent. Credits 1.0

## **French 3 (HON)**

*Course Code: 0701340*

French 3 provides mastery and expansion of skills acquired by the students in French 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people. Prerequisites: French I, or equivalent. Credits 1.0

## **Spanish for Spanish Speakers 1**

*Course Code: 0709300*

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. Course content reflects the cultural values of Spanish language and societies. The course enables students to gain a better understanding of the nature of their heritage language. Students also increase their awareness and appreciation of Hispanic cultures. Spanish is used exclusively in the course. Credits 1.0

## **Spanish for Spanish Speakers 2**

*Course Code: 0709310*

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and expanding skills in listening, speaking, reading, and writing, as well as Spanish grammar skills acquired in Spanish for Spanish Speakers 1. Students are exposed to a variety of Spanish literary genres and authors. Language Arts Standards are also included in this course to enable students to become literate in Spanish and gain a better understanding of the nature of their own language as well as other languages to be acquired. The course content will continue reflecting the cultural values of Spanish language and societies. Prerequisites: Spanish for Spanish Speakers 1, or equivalent. Credits 1.0

## **Spanish 1 (Non- Speakers)**

*Course Code: 0708340*

¡Bienvenidos! Welcome! Students are taking a virtual trip to Spain, Cuba, Colombia, and Argentina. As students explore each country, a student blogger is there to help them learn about the place and

its unique characteristics. As students travel to each country, they learn how to speak Spanish in many practical and useful ways. Students learn how to greet people, introduce themselves, and speak about their home, family, school, and community. As students learn basic vocabulary and grammar skills, they expand on their knowledge and learn to speak about more complex topics such as shopping, weather, sports, entertainment, and leisure activities. The course introduces new words and phrases with pictures, audio clips, and examples. Students learn basic Spanish grammar to help them build fluency and understand the structure of the Spanish language. There are many opportunities to practice through interactive activities in the form of games, written practice, and listening and speaking exercises. Students also explore the cultures of Spain, Cuba, Colombia, and Argentina by learning about geography, foods, celebrations, and traditions from each place. Student bloggers guide students through these countries and help them appreciate and learn about their diversity. Prerequisites: None. Credits 1.0

### **Spanish 2 (Non- Speakers)**

*Course Code: 0708350*

In Spanish II, students travel virtually through Central America and the Caribbean, spending time in museums, traffic jams, and even the hospital. In this course, students broaden their Spanish vocabulary and their knowledge of grammar. They meet people from many different countries and cultures. While waiting for the plane ride home, students also meet some Spanish-speaking people from different parts of the United States. The purpose of this course is to strengthen Spanish listening, speaking, reading, and writing skills. Students also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world. Prerequisites: Spanish I, or equivalent. Credits 1.0

### **Spanish 3 Honors (Non- Speakers)**

*Course Code: 0708360*

In Spanish III, students will meet and virtually accompany four teens with Hispanic backgrounds as they learn about and travel to several Spanish-speaking countries. Students have many opportunities to use the Spanish they already know as well as to expand their vocabulary, knowledge of grammar, and experiences with Spanish speaking countries. The purpose of this course is to provide many experiences where students can use Spanish. Completely immersed in Spanish, students speak, listen, read, write, and collaborate with other students in Spanish this course. They also gain knowledge and perspectives about Spanish-speaking countries and from Spanish-speaking people. Prerequisites: Spanish I and Spanish II. Credits 1.0

## **Advanced Placement**

### **AP Art History**

*Course Code: 0100300*

This course is designed to provide college-level instruction in art history and prepare students for the AP exam in early May. This course is divided into two 18-week semesters, during which students examine major forms of artistic expression from the past and present and from a variety of cultures. Students learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. Prerequisites: World History recommended Credits 1.0

## **AP Biology**

*Course Code: 2000340*

This challenging course is designed to provide a college-level experience and prepare students for the AP exam in early May. Over two semesters, students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays, and mastering biological concepts and connections. The key themes of the AP Biology course are the scientific processes, the effects of science on technology and society, the chemistry and make-up of living organisms, genetics, diversity, and evolution. Throughout this course, students are expected to answer questions, analyze data, discuss real-world connections, and complete lab activities. The primary emphasis is to develop an understanding of concepts rather than memorizing terms and technical details. Prerequisites: Algebra recommended. Credits 1.0

## **AP Calculus AB**

*Course Code: 1202310*

This course consists of a full high school year of work that is comparable to calculus courses in colleges and universities. Students who complete an AP course in calculus seek college credit, college placement, or both from institutions of higher learning. An interactive text, graphing software, and math symbol software combine with the exciting online course delivery to make calculus an adventure. This course is designed to prepare students for the AP Calculus AB exam given each year in May. With continuous enrollment, students can start the course and begin working on calculus as early as spring of the previous year. Prerequisites: Algebra I, Geometry, Algebra II and Pre-Calculus or Trigonometry/Analytical Geometry. Credits 1.0

## **AP Calculus BC**

*Course Code: 1202320*

This course consists of a full high school year of work comparable to calculus courses in colleges and universities. Students who complete an AP course in calculus seek college credit, college placement, or both from institutions of higher learning. An interactive text, graphing software, and math symbol software combine with the exciting online course delivery to make calculus an adventure. This course is designed to prepare students for the AP Calculus BC exam given each year in May. With continuous enrollment, students can start the course and begin working on calculus as early as spring of the previous year. Prerequisites: Algebra I, Geometry, Algebra II and Pre-Calculus or Trigonometry/Analytical Geometry. Credits 1.0

## **AP English Language and Composition**

*Course Code: 1001420*

This course provides high school students with college-level instruction in studying and writing various kinds of analytic or persuasive essays on literary and nonliterary topics in language, rhetoric, and expository writing. Students become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both reading and writing should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as how writing conventions and language contribute to effectiveness in writing. This course will effectively prepare students for the AP Exam by enabling them to read, comprehend, and write about complex texts while developing further communication skills on a college level. Prerequisites: English I and II. Credits 1.0

## **AP English Literature And Composition**

*Course Code: 1001430*

For a year, students participate in an Advanced Placement upscale dining experience in the AP English Literature and Composition course. Students act as food critics of exquisite literary cuisine. Menu items include reading, analyzing, writing, rewriting, and discussing creations by the master chefs—renowned authors. With intensive concentration on composition skills and on authors' narrative techniques, this dining experience equips students with recipes for success in college, in a career, and on the AP exam. Prerequisites: English I, II and III. Credits 1.0

## **AP Environmental Science**

*Course Code: 2001380*

The goal of AP Environmental Science is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world and to identify and analyze environmental problems that are natural and human-made. Students will evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing problems. Laboratories support student content mastery in both hands-on and virtual experiences. Prerequisites: Algebra I and two years of high school science. Credits 1.0

## **AP French Language and Culture**

*Course Code: 0701380*

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French.

The AP French 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 (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

Prerequisites: None. Credits 1.0

## **AP Human Geography**

*Course Code: 2103400*

The AP® Human Geography course is designed to provide college level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, methods, and tools to examine human social organization and its effect on the world in which we live. Students are challenged to use maps and geographical data to examine spatial patterns and analyze the changing interconnections among people and places. Prerequisites: None. Credits 1.0

## **AP Macroeconomics**

*Course Code: 2102370*

You have been called upon to assist the leader of the Macro Islands who is running for reelection next year. The economy is in shambles, and you need to come up with some feasible solutions. This will not only help the people of the Macro Islands but will also ensure a victory for your employer.

You were hired through the Internet and are being invited to travel first class to the Macro Islands where you can learn firsthand about the situation. You arrive at Pineapple Airport in the middle of the day and are met by a man with a briefcase who is holding a sign with your name on it. You approach the man and introduce yourself. "I'm Mr. Scarcity," he says. "I'll be your guide as you learn about the economic situation of the islands. You need to learn everything you can about macroeconomics and the Macro Island's economy for your presentation to our island leader in May." (Your AP Exam) Prerequisites: None. Credits .5

### **AP Microeconomics**

*Course Code: 2102360*

You traveled to the Macro Islands to assist the leader in winning re-election. You came for a job, but you realized as you were working that you loved the islands and wanted to make your home there. Because you are adept at giving economic advice to the leader, you have been appointed as the new President of the Sunny Seas Shell Company.

As part of your role in assuming the leadership duties of the company, you will need to brush up on microeconomics. The Board of Directors has appointed Ms. Equilibrium to act as your personal assistant and advisor as you transition into your new role. You will be learning all you can about microeconomics and will be required to exhibit your knowledge in May at the annual Board of Directors' meeting (the AP Exam). Prerequisites: None. Credits .5

### **AP Psychology**

*Course Code: 2107350*

AP Psychology is a college-level course providing students an overview of the development of human behaviors and thoughts. Along with preparation for the AP Psychology exam, the goals of this course are to immerse students in modern psychological investigation techniques, to accentuate the ethics and morality of human and animal research, and to emphasize scientific critical thinking skills in application to the social sciences. Psychology is a diverse social and biological science with multiple perspectives and interpretations.

The primary emphasis of this course is to help students develop an understanding of concepts rather than memorize terms and technical details; the ultimate goal is to prepare students to successfully take the AP Psychology examination offered in May. Prerequisites: None. Credits 1.0

### **AP Spanish Language and Culture**

*Course Code: 0708400*

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to 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 (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). Credits 1.0

**AP Statistics**

*Course Code: 1210320*

This course is designed to provide college-level instruction on the concepts and tools for working with data. Students collect and analyze data and draw conclusions based on real-world information. The course challenges students to explore patterns, think critically, use a variety of tools and methods, and report their findings and conclusions. Prerequisites: Algebra II recommended. Credits 1.0

**AP United States Government and Politics**

*Course Code: 2106420*

Students must take the Advanced Placement Exam in order to receive Advanced Placement credit. Students who do not take the AP® Exam will be awarded Honors level credit.

"Lights, Camera, Action" ...Prepare to study the intricacies of the American Political Culture. The script is written and the actors participate daily in the drama of American politics. You will be "on location" to delve into primary source documents. You will go behind the scenes with stars such as the President, Congress people, and Supreme Court Justices. You will research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. Finally, you will witness the large- scale production of policy building in the areas of economic/social policy, foreign policy and public administration. Prerequisites: United States History recommended. Credits 0.5

**AP United States History**

*Course Code: 2100330*

The AP U.S. History course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and the development of student's abilities to think conceptually about U.S. history from approximately 1491 to the present. Seven themes of equal importance — American and National Identity; Migration and Settlement; Politics and Power; Work, Exchange, and Technology; America in the World; Geography and the Environment; and Culture and Society — provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. The course also allows teachers flexibility across nine different periods of U.S. history to teach topics of their choice in depth. Prerequisites: None. Credits 1.0