

# Create Your **OWN PATH**

Course Catalog | 2023-24



Florida Virtual School (FLVS) empowers students to create their own path to college and career readiness. Students can enroll in one or multiple courses—giving them the confidence to make their education what they want it to be.

With over 25 years of experience, we've cracked the code on student engagement and success in online education. Our award-winning courses are created to state and national standards and are thoughtfully designed to help students understand new concepts and master new skills. Our interactive curriculum includes honors and advanced tracks for most courses. Advanced Placement® (AP®) courses are college-level and approved by the College Board.®



**Fully accredited**  
public school district



**Award-winning curriculum**  
that allows students to get ahead, stay on target, or get back on track



**Unparalleled flexibility and support** for schools, districts, families, and students



**Engaging and interactive content** for Florida students

To view our most current course catalog and enroll, visit **flvs.net**.



Elementary  
Catalog

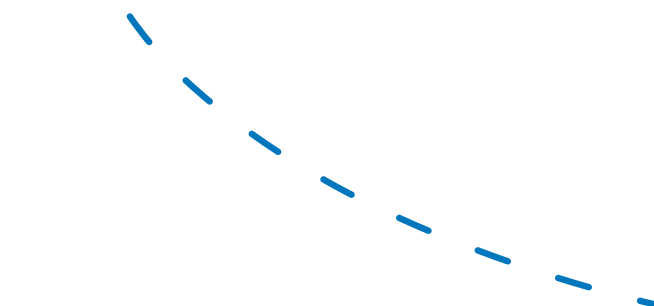


Middle/Junior High  
Catalog



High School  
Catalog





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High School & Middle School Estimated Completion Times:  
0.5 Credit (1 Semester) = 16-18 weeks; 1 Credit (2 Semesters) = 32-36 weeks

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# High School

## English

### English 1 UPDATED!

Credit: 1

Course Code: 1001310

Honors Code: 1001320

Develop language arts skills by reading, writing, listening, viewing, and speaking. This course provides text-based research and writing opportunities. You will learn to use the English language to successfully express yourself.

*This course is required for high school graduation.*

### English 2

Credit: 1

Course Code: 1001340

Honors Code: 1001350

Prerequisite: English 1

Discover how the human experience is the foundation of engaging and meaningful texts. Encounter new vocabulary, refine the grammar and mechanics of your writing, and engage in creative assessments.

*This course is required for high school graduation.*

### English 3

Credit: 1

Course Code: 1001370

Honors Code: 1001380

Prerequisites: English 1 and 2

Take a trip through time to uncover how the voices of the past have influenced our present. Cultivate your critical thinking skills as you navigate the ways in which words have impacted the world around you.

*This course is required for high school graduation.*

### English 4

Credit: 1

Course Code: 1001400

Honors Code: 1001410

Prerequisites: English 1, 2, and 3

Prepare yourself for life after high school with an in-depth exploration of 21st-century thinking, reading, and communication skills. Explore the ways in which literature is reflective of authors' perspectives on moments in history.

*English 4 or English 4: Florida College Prep is required for high school graduation.*

### English 4: Florida College Prep

Credit: 1

Course Code: 1001405

Prerequisites: English 1, 2, and 3

Preparing you for the demands of reading, writing, and communicating in college and beyond, you will hone your skills in creative and analytical writing and apply concepts learned to closely read and analyze contemporary and historical informational text.

*English 4 or English 4: Florida College Prep is required for high school graduation.*

## Mathematics

### Algebra 1

Credit: 1

Course Code: 1200310

Honors Code: 1200320

Prerequisites: M/J Accelerated Mathematics Grade 7 or M/J

Grade 8 Pre-Algebra

Algebra 1 emphasizes the importance of algebra in everyday life through hundreds of real-world examples. Assessments are designed to ensure that your understanding goes beyond rote memorization of steps and procedures. Upon successful course completion, you will have a strong foundation in Algebra 1 and will be prepared for other higher-level math courses.

*This course is required for high school graduation.*

### Algebra 1-A NEW!

Credit: 1

Course Code: 1200370

Prerequisites: M/J Accelerated Mathematics Grade 7 or M/J

Grade 8 Pre-Algebra

Algebra 1-A is the first course in a two-course sequence. This course will focus on the Algebra 1 benchmarks related to linear functions. The lessons are designed to help you develop fundamental algebraic skills for problem-solving in the real world.

*This course must be followed by Algebra 1-B or Algebra 1 to fulfill the required Algebra 1 credit for high school graduation.*

### Algebra 2

Credit: 1

Course Code: 1200330

Honors Code: 1200340

Prerequisite: Algebra 1

You will learn about polynomials, quadratic equations, linear and exponential functions, sequences and series, probability and statistics, and trigonometry. Throughout the course, these mathematical concepts are applied to everyday occurrences to demonstrate how the world around us functions.

### Calculus Honors

Credit: 1

Honors Code: 1202300

Prerequisites: Algebra 1, Geometry, Algebra 2, and Precalculus or Trigonometry/Analytical Geometry

In this course, you will study limits, continuity, and differentiation; integrated algebraic, trigonometric, and transcendental functions; and the applications of derivatives and integrals.

### Geometry

Credit: 1

Course Code: 1206310

Honors Code: 1206320

Prerequisite: Algebra 1 or its equivalent

Geometry exists everywhere in the world around you. We use it to build bridges, to design maps, and to create perspective in paintings. Throughout this course, you will use problem-solving and real-world applications to gain knowledge of geometric concepts and their practical uses.

*This course is required for high school graduation.*

## Mathematics continued

### Mathematics for College Algebra

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**Credit:** 1

**Course Code:** 1200710

**Prerequisites:** Algebra 1 required, Algebra 2 recommended

In Mathematics for College Algebra, you will acquire skills needed for success in college-level mathematics. You will integrate critical-thinking skills, problem-solving skills, and mathematics skills as you explore expressions, equations, and functions. Within this exploration, you will interpret the viability of solutions to real-world problems at the level of algebra required for entry into college-level courses.

### Mathematics for College Liberal Arts NEW!

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**Credit:** 1

**Course Code:** 1207350

**Prerequisites:** Algebra 1 required, Geometry recommended

Mathematics for College Liberal Arts allows you to explore a range of mathematical concepts and fields, all while connecting ideas to their application in our world. Major topics in this course include linear and exponential functions, geometry in the real world, analysis of data and probability, and the use of functions as models. Logic and theory as they apply to the practical use of mathematical concepts are introduced, giving you an understanding of how the principles of higher-level math connect to everyday life.

### Mathematics for Data and Financial Literacy

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**Credit:** 1

**Course Code:** 1200384

**Honors Code:** 1200388

**Prerequisite:** Algebra 1

In Mathematics for Data and Financial Literacy, you will explore specific math skills to understand how money will impact your life from a personal and a business perspective. You will see how properly managing money can lead you to financial success and you will also learn how to analyze data to help you make decisions.

### Precalculus Honors

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**Credit:** 1

**Honors Code:** 1202340

**Prerequisites:** Algebra 1, Geometry, and Algebra 2

Dive deeper into your knowledge of functions by analyzing their key features and combining them to solve real-world problems. Learn about trigonometric functions and their applications, along with new ways to use the coordinate plane to represent different types of functions. Apply these skills to discover the power mathematics has in everyday life and to prepare for advanced mathematical studies in college or your future career.

### Probability and Statistics Honors

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**Credit:** 1

**Honors Code:** 1210300

**Prerequisites:** Algebra 1, Geometry, and Algebra 2

You will be introduced to exploring data, sampling and experimentation by planning and conducting studies, anticipating patterns using probability and simulation, and comparing and drawing conclusions using statistical data.

## Science

*FLVS high school core science courses satisfy state laboratory requirements.*

### Agriscience Foundations 1

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**Credit:** 1

**Honors Code:** 8106810

Dive into agricultural history and its global impact and learn about scientific and research concepts that drive the field, as well as the effects of agriculture on the environment. The course will teach you about agriculture career opportunities and how to best promote yourself to land your dream job. Specialized lab activities provide hands-on practice to master the lessons and you will have the unique experience of interviewing an agriscience worker related to your career interest. At the end of the course, you will have the opportunity to become industry certified as an Agriculture Associate!

*This course is a CTE course that satisfies an equally rigorous science requirement for high school graduation and prepares students for the Agricultural Associate Certification. This course does not satisfy NCAA eligibility requirements.*

### Anatomy & Physiology

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**Credit:** 1

**Course Code:** 2000350

**Honors Code:** 2000360

**Prerequisite:** Biology 1 recommended

In Anatomy and Physiology students investigate the structure and function of the human body. Topics covered include the basic anatomical terminology, organization of the body, biochemical composition, and major body systems along with the impact of diseases on certain systems.

*This course satisfies state science laboratory requirements.*

### Astronomy Solar/Galactic Honors NEW!

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**Credit:** 1

**Honors Code:** 2020910

Journey through the universe on a stellar exploration through space and time. Discover ancient astronomy and the instruments used to investigate the properties and motion of celestial objects. Examine planetary conditions in our solar system and beyond, exploring through experimentation and investigation the physics of light, the interactions between Earth, sun, and moon in our solar system, the luminosity of stars, and theoretical observations and developments. Explore the distance of objects in space through mathematical applications. This course is recommended for 11th and 12th-grade students.

*This honors course is an equally rigorous science that satisfies one of the required three graduation credits. The regular course is a science elective. Both the regular and honors course satisfies state science laboratory requirements.*



## Biology 1

**Credit: 1**

**Course Code: 2000310**

**Honors Code: 2000320**

**Prerequisite: Recommended for 9th–12th grade students**

The study of Biology builds on the foundations of life science, scientific practices, and scientific thinking skills. In this course students explore the relationship between living things and their environment and develop an understanding of biological concepts through scientific inquiry, investigations, interactive experiences, higher-order thinking, real-world applications, and virtual and hands-on experiences. The key big ideas covered in Biology include cells, heredity, evolution, classification, organisms, populations, and ecosystems. Students can enhance their mastery of biological concepts, which will enable them to make real-world connections and apply their understanding to everyday life.

*This course is required for high school graduation and meets state science laboratory requirements.*

## Chemistry 1 UPDATED!

**Credit: 1**

**Course Code: 2003340**

**Honors Code: 2003350**

**Prerequisite: Algebra 1**

This course focuses on the impact of chemistry on society, technology, and the natural world through the examination of global phenomena, investigative phenomena, and everyday phenomena. In addition, videos, career connections, misconception alerts, and chemistry in our world segments are embedded in the course to connect lesson topics to the global anchoring phenomenon of each module. This course provides a foundation of chemistry concepts, including scientific inquiry, interactive experiences, higher-order thinking, collaborative projects, real-world application, and various assessments. In addition, technology, engineering, and mathematics (STEM) concepts are integrated throughout the course.

*This course satisfies state science laboratory requirements.*

## Earth/Space Science

**Credit: 1**

**Course Code: 2001310**

**Honors Code: 2001320**

**Prerequisite: Recommended for 9th–12th grade students**

This laboratory course focuses on the study of space and the geologic and atmospheric forces that shape our world. Through experimentation and investigation, you will explore Earth's cycles, including the geosphere, hydrosphere, cryosphere, atmosphere, and carbon cycle.

*This course satisfies state science laboratory requirements.*

## Environmental Science UPDATED!

**Credit: 1**

**Course Code: 2001340**

**Honors Code: 2001341**

**Prerequisite: Recommended for 9th–12th grade students**

This course is centered around achieving global sustainability to meet the needs of a growing human population, while also maintaining natural resources and protecting Earth's various systems. The short-and long-term consequences of our actions to human health and the environment are also a course focus. With the collaboration of the Guy Harvey Ocean Foundation and additional professional partners, this course highlights the research and field experiences of professors, scientists, conservationists, lawyers, and more, while sharing practical and sensible strategies for preserving the delicate balance between land, ocean, air, and life. In addition, this course creates a call to action for students by teaching them how to protect the world's biodiversity and resources by adjusting the way they live, work, play, and govern in the future.

*This is an equally rigorous science course that satisfies state graduation and science laboratory requirements..*

## Forensic Science 1

**Credit: 1**

**Course Code: 2002480**

Take a new look at forensics through the lens of some of the world's most famous and intriguing crime cases. This course examines the latest forensic techniques and innovations used to solve crimes. It also focuses on basic scientific principles and laboratory processes used in the field, such as DNA testing, toxicology, and material analysis. Investigative experiences for students include spectrometry, electrophoresis, and evidence analysis techniques. Students also study crime scene processing and evidence collection during crime scene investigations (CSI).

*This is an equally rigorous science course that satisfies state graduation and science laboratory requirements.*

## Marine Science 1

**Credit: 1**

**Course Code: 2002500**

**Honors Code: 2002510**

**Prerequisite: Biology 1 recommended**

Delve deeply into Earth's bodies of water and study geologic structures and how they impact the oceans. Investigate characteristics of various populations of aquatic life, patterns of distribution, and ongoing changes occurring in our ecosystem.

*This course satisfies state science laboratory requirements.*

## Physical Science UPDATED!

**Credit: 1**

**Course Code: 2003310**

**Honors Code: 2003320**

Ever wonder why more massive objects require more force to move? Perhaps you have questioned how new substances are made or how energy is involved in changes in matter? These are some of the concepts students will be exploring in Physical Science. This course teaches the foundational concepts of physics and chemistry. Using scientific inquiry, interactive experiences, higher order thinking, collaborative projects, and real world applications students are able to demonstrate an understanding of the physical and chemical phenomena; enabling them to apply these properties to their everyday lives.

*This course satisfies state science laboratory requirements.*

## Physics 1 UPDATED!

Credit: 1

Course Code: 2003380

Honors Code: 2003390

Prerequisites: Algebra 1 and 2 recommended

Discover the contributions of geniuses like Galileo, Newton, and Einstein by learning about the concepts, theories, and laws that govern the interaction of matter, energy, and forces.

*This course satisfies state science laboratory requirements.*



## Social Studies

### Economics

Credit: 0.5

Course Code: 2102310

Honors Code: 2102320

Prerequisite: Algebra 1 recommended

Economic decisions affect us every day! Become a smart consumer who understands the flow of an economy between individuals, businesses, governments, and the rest of the world.

*This course is required for high school graduation.*

### United States Government UPDATED!

Credit: 0.5

Course Code: 2106310

Honors Code: 2106320

Explore the principles and ideas that inspired the Constitution and unify Americans. Examine the role and functions of each branch of government. Discover how you can impact public policy through civic participation and the political process.

*This course is required for high school graduation.*

### United States History

Credit: 1

Course Code: 2100310

Honors Code: 2100320

Investigate the people, events, and ideas that have shaped the United States from the end of the Civil War through today, while applying what you learn to real-world problems.

*This course is required for high school graduation.*

### World History

Credit: 1

Course Code: 2109310

Honors Code: 2109320

Examine the most significant events and ideas that have made the world we live in today. Students will learn the historical background of the monotheistic religions, why the Industrial Revolution is generally considered the most significant event since humans started to farm, how the turmoil of the world wars changed the political landscape -- and many more events from the past that define our present.

*This course is required for high school graduation.*



## Physical Education

### Fitness Lifestyle Design

Credit: 0.5

Course Code: 1501310

You will discover habits of body and mind that will lead to a healthier lifestyle. You will measure your current fitness level, nutrition knowledge, and create a plan for achieving your individual goals. During your fitness journey, you will learn the principles of strength and endurance training, lifetime fitness activity options, and essential nutrition to encourage lifetime optimal health.

*This course provides elective credit. When paired with Personal Fitness, it can fulfill the physical education requirement for high school graduation (district dependent).*

### Health Opportunities through Physical Education (HOPE)

Credit: 1

Course Code: 3026010

With a focus on health and fitness, this course guides you to be active and healthy now and for a lifetime. With the guidance of a training instructor, you'll set personal goals in four areas of wellness: physical, emotional, social, and academic. The course uses videos, graphics, and interactive learning opportunities to encourage you to get up, eat well, and be active.

*This course provides elective credit and fulfills the physical education requirement for high school graduation (district dependent).*

### Outdoor Education

Credit: 0.5

Course Code: 1502480

Prerequisite: Must be at least 12 years old

Develop your skills in outdoor activities like boating and hunting and learn about the benefits of physical activity while using proper safety procedures to experience wildlife and outdoor and extreme sports. By meeting all the requirements of the course, you will be eligible to obtain a state of Florida Hunter and Florida Boating Safety ID Card. Exclusive to FLVS students and endorsed by the Florida Wildlife Commission (FWC), you can earn your Hunter Safety Card through the Virtual Field Day component in the course, rather than physically attending the FWC Field Day.

*This course provides elective credit. When paired with Personal Fitness, it can fulfill the physical education requirement for high school graduation (district dependent).*

### Personal Fitness

Credit: 0.5

Course Code: 1501300

Aimed at lifelong fitness, this course guides you in strategies and techniques to make continual improvements in all areas of wellness. With the guidance of a training instructor, you'll set personal goals in four areas of wellness: physical, emotional, social, and academic. This course uses videos, graphics, and interactive learning opportunities to encourage you to get out and be active. By following personalized training principles, you can gain confidence from personal success while developing healthy habits that will last a lifetime.

*This course provides elective credit. When paired with another 0.5 credit physical education course, it fulfills the physical education requirement for high school graduation (district dependent).*



# World Languages

Satisfactory completion of two consecutive credits of the same world language is required for university entry.

## American Sign Language 1 UPDATED!

**Credit: 1**

**Course Code: 0717300**

**Prerequisite:** Recommended for 9th–12th grade students

Jump start your American Sign Language journey by learning the basics of this visual language and exploring the Deaf culture. Get ready to broaden your concept of communication through connections and comparisons to your own culture and community.

*This course provides elective credit. This course requires video recorded submissions to assess mastery.*

## American Sign Language 2

**Credit: 1**

**Course Code: 0717310**

**Prerequisites:** American Sign Language 1; Recommended for 9th–12th grade students

Strengthen your understanding of American Sign Language by increasing your interpersonal, presentational, and interpretive communication skills. Continue learning about Deaf culture, connections, comparisons, and communities through engaging videos, interactive practice, and more.

*This course provides elective credit. This course requires video recorded submissions to assess mastery.*

## Chinese 1

**Credit: 1**

**Course Code: 0711300**

Immerse yourself in the beauty of the Chinese language and the richness of its diverse cultures. In the Chinese I course; you will learn beginning grammar and vocabulary skills to help build basic fluency and language proficiency. You will explore the culture and apply what you learn through written practice, listening, and speaking exercises.

*This course provides elective credit.*

## Chinese 2

**Credit: 1**

**Course Code: 0711310**

**Prerequisite:** Chinese 1

Continue your journey in the exploration of the Chinese language and the richness of its diverse cultures. In the Chinese 2 course, you will sharpen the increased listening, speaking, reading, and writing skills you acquired in Chinese 1. While oral communication remains the main focus at this level, reading and writing will receive more emphasis as well. You will dive a little deeper into the culture and apply what you learn through written practice, listening, and speaking exercises.

*This course provides elective credit.*

## Chinese 3 Honors UPDATED!

**Credit: 1**

**Honors Code: 0711320**

**Prerequisites:** Chinese 1 and 2

Continue your journey in the exploration of the Chinese language and the richness of its diverse cultures. In the Chinese 3 Honors course, you will sharpen the increased listening, speaking, reading, and writing skills you acquired in Chinese 1 and 2. Communication remains the main focus through speaking, listening, writing, and reading. You will dive a little deeper into the Chinese culture and apply what you learn through written practice, listening activities, and speaking exercises.

*This course provides honors-level elective credit.*

## French 1 UPDATED!

**Credit: 1**

**Course Code: 0701320**

Immerse yourself in the beauty of the French language and the richness of its diverse cultures. In this course, you will learn beginning grammar and vocabulary skills to help build basic fluency and language proficiency. You will explore the culture and apply what you learn through written practice, listening, and speaking exercises.

*This course provides elective credit.*

## French 2

**Credit: 1**

**Course Code: 0701330**

**Prerequisite:** French 1

Expand your listening, speaking, reading, and writing skills in French through interactive videos, dialogues, and self-checks. Grow your vocabulary and learn to discuss activities in the past, future, and conditional tenses. Explore the francophone world and the influence France has had across the globe.

*This course provides elective credit.*

## French 3 Honors NEW!

**Credit: 1**

**Honors Code: 0701340**

**Prerequisites:** French 1 and 2

Continue your journey in the exploration of the French language and the richness of its diverse cultures. In the French 3 course, you will sharpen the increased listening, speaking, reading, and writing skills you acquired in French 1 and 2. Communication remains the main focus through speaking, listening, writing, and reading. You will dive a little deeper into the francophone culture and apply what you learn through written practice, listening, and speaking exercises.

*This course provides honors-level elective credit.*

## Hebrew 1

**Credit: 1**

**Honors Code: 0704300**

Immerse yourself in the beauty of the Modern Hebrew language and the richness of its diverse cultures. In the Hebrew I course; you will learn beginning grammar and vocabulary skills to help build basic fluency and language proficiency. You will explore the culture and apply what you learn through novice written practice, listening, reading, and speaking exercises.

*This course provides elective credit.*

## Hebrew 2

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**Credit:** 1

**Honors Code:** 0704300

**Prerequisite:** Hebrew 1

Strengthen your Hebrew listening, speaking, reading, and writing skills while experiencing the beauty and expressiveness of the Hebrew language using authentic materials!

*This course provides elective credit.*

## Latin 1

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**Credit:** 1

**Course Code:** 0706300

Develop a foundation in Latin grammar and vocabulary while also learning about the rich history, culture, mythology, and archaeological discoveries from ancient Rome.

*This course provides elective credit.*

## Latin 2

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**Credit:** 1

**Course Code:** 0706310

**Prerequisite:** Latin 1

Building on your knowledge of Latin grammar and vocabulary, you will also explore Roman engineering, art, commerce, and its system of laws to demonstrate the flexibility of the language.

*This course provides elective credit.*

## Latin 3 Honors UPDATED

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**Credit:** 1

**Honors Code:** 0706320

**Prerequisites:** Latin 1 and 2

Strengthen your Latin vocabulary skills and develop an appreciation for well-crafted writing by visiting the library of great authors. You will read the timeless words of Roman poets, storytellers, and orators and recognize why Latin, and those who speak it, are still relevant today.

*This course provides honors-level elective credit.*

## Spanish 1

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**Credit:** 1

**Course Code:** 0708340

Immerse yourself in the beauty of the Spanish language and the richness of its diverse cultures. Learn basic grammar and vocabulary skills to help build your fluency and language proficiency. Explore the culture of Spanish-speaking countries and apply what you learn through written practice, listening, and speaking exercises.

*This course provides elective credit.*

## Spanish 2

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**Credit:** 1

**Course Code:** 0708350

**Prerequisites:** Spanish 1 or M/J Spanish, Beginning and M/J Spanish, Intermediate

Strengthen your Spanish listening, speaking, reading, and writing skills while experiencing the beauty and expressiveness of a language that is shared by different people and cultures throughout the world using authentic materials.

*This course provides elective credit.*

## Spanish 3 Honors

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**Credit:** 1

**Honors Code:** 0708360

**Prerequisites:** Spanish 1 and 2

Immerse yourself in this interactive course that explores the tastes, sights, and sounds of the Hispanic cultures. Experience and reflect on the triumphs, struggles, and celebrations of their dynamic peoples. During this journey, you will improve your language fluency, vocabulary, and writing skills through authentic researched-based projects. We invite you to take your Spanish language abilities to the next level!

*This course provides honors-level elective credit.*

## Spanish 4 Honors

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**Credit:** 1

**Honors Code:** 0708370

**Prerequisites:** Spanish, 1, 2, and 3

Command the Spanish language by embarking on an immersive journey through rich traditions and superstitions. By meeting real people and hearing their stories, you will expand your language skills, gain new vocabulary, and better understand your role as a global citizen. *This course provides honors-level elective credit.*

# Career and Technical Education (CTE)

CTE electives prepare students with the academic, technical, and employability skills needed for the high-skill, high-wage, in-demand careers of tomorrow. Students pursuing certain Florida Bright Futures Scholarship programs must take at least three full credits in a single Career and Technical Education Program of Study.

## Accounting Applications 1

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**Credit: 1**

**Honors Code: 8203310**

**Prerequisite:** None required. If taking this course as part of the Finance Program of Study, Digital Information Technology should be taken first.

If you want to own a business one day, take college business courses, or just know how to handle your own personal finances in the future, then accounting is for you! Learning the basics of accounting can help you start and run a business, get a head start in college courses, and teach you how to create a personal budget. In Accounting Applications 1, students will build a broad foundation of knowledge and skills of accounting concepts in order to analyze, classify, and record business transactions in a manual and computerized setting (Excel and QuickBooks); prepare financial statements and communicate information to stakeholders; maintain payroll records, and determine proper handling of cash control procedures. This course will focus on transferable skills in communication, ethics, problem-solving, organizational skills, and time management. Throughout the course, students explore the role of accounting in a global economy and develop employability skills such as proper business etiquette, workplace procedures, and customer service skills. At the end of the course, you will have the opportunity to take the QuickBooks industry certification exam in order to become a QuickBooks Certified User (QBCU). QuickBooks certification validates that you have the essential knowledge for an entry-level accounting career.

*This course provides honors-level elective credit.*

## Agricultural Communications 2

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**Credit: 1**

**Honors Code: 8117010**

**Prerequisite:** None Required. If taking the course as part of the Agricultural Communications Program of Study, Agriscience Foundations 1 should be taken first.

In Agricultural Communications 2, students are introduced to visual, verbal, and written techniques to communicate agricultural information. This course prepares students with specialized knowledge of agriculture and media as they learn to design and develop marketing materials, engage in the community, and address needs of agricultural producers and consumers in a moral and ethical way.

*This course provides honors-level elective credit and fulfills a practical arts requirement for high school graduation.*

## Agricultural Communications 3

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**Credit: 1**

**Honors Code: 8117020**

**Prerequisite:** None required. If taking the course as part of the Agricultural Communications Program of Study, Agriscience Foundations 1 and Agricultural Communications 2 should be taken first.

As the global need for agricultural products grows, so does the need for effective communication between consumers and producers. Agricultural Communications 3 combines agricultural topics and science with the application of communication studies. Students continue the study of visual, verbal, and written techniques to communicate agricultural information to consumers, businesses, and government agencies. This course will provide real-world practice in writing, speaking, photography, graphic design, and web communication to prepare students to report and present agricultural topics with a detailed knowledge aimed to gain attention. Students will create a communications campaign, learn how to use social media to deliver communication messages, prepare a media kit, produce persuasive videos, modify photographs, create a web page, and effectively use their voice to present and debate agricultural topics.

Students will be encouraged to develop a portfolio of work to use for future career opportunities. Agricultural Communications 3 is the third and final course in the Agricultural Communications program of study in the Agriculture, Food and Natural Resources career cluster.

*This course provides honors-level elective credit and fulfills a practical arts requirement for high school graduation.*

## Agriscience Foundations 1

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**Credit: 1**

**Honors Code: 8106810**

Dive into agricultural history and its global impact and learn about scientific and research concepts that drive the field, as well as the effects of agriculture on the environment. The course will teach you about agriculture career opportunities and how to best promote yourself to land your dream job. Specialized lab activities provide hands-on practice to master the lessons and you will have the unique experience of interviewing an agriscience worker related to your career interest. At the end of the course, you will have the opportunity to become industry certified as an Agriculture Associate!

*This course is a CTE course that satisfies an equally rigorous science requirement for high school graduation. Prepares students for the Agricultural Association Certification industry certification. This course does not satisfy NCAA eligibility requirements.*

## Allied Health Assisting 3 NEW!

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Credit: 1

Course Code: 8417131

**Prerequisite:** None required. If taking this course as part of the Allied Health Assisting Program of Study, Anatomy & Physiology and Health Science Foundations should be taken first.

Do you have a passion for advocating for and improving the health and wellness of others? The medical profession includes more than just doctors, dentists, and nurses. Allied health assistants include professionals from many health disciplines such as biomedicine, geriatrics, medical administrative assisting, occupational and physical therapy. These professionals work as a team to advance and support quality health care and services. This allied health assisting course teaches students technical knowledge and skills of multiple allied health careers using demonstrations, clinical experiences, and inspirational testimonies from health professionals. Students who successfully complete this course will be equipped with the knowledge and professionalism necessary to provide patient-centered health care in the 21st century.

*This is the third and final course in the Allied Health Assisting Program of Study. This course requires students to complete a clinical observation in at least one (1) major allied health area. Clinical experience is defined as activities performed in the clinical setting under the supervision of a health professional duly certified/licensed in the selected occupational field. With the support of a parent/guardian, students will be expected to make the necessary arrangements with the health care facility they choose and follow the procedures provided by the facility selected.*

## Applications of Artificial Intelligence NEW!

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Credit: 0.5

Course Code: 9401020

**Prerequisite:** None Required. If taking the course as part of the Artificial Intelligence Foundations Program of Study, Artificial Intelligence in the World should be taken first.

Building on the foundational knowledge acquired in Artificial Intelligence in the World, you'll embark on a thrilling journey through the world of artificial intelligence. From machine learning to robotics, you'll gain hands-on experience developing AI systems, delve into the complexities of natural language processing and computer vision, and consider the ethical and societal implications of this rapidly evolving technology. Get ready to be amazed and inspired by the limitless possibilities of AI as you immerse yourself in this cutting-edge field.

*This course provides elective credit.*

## Artificial Intelligence in the World NEW!

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Credit: 0.5

Course Code: 9401010

Artificial Intelligence in the World is an introductory course that guides students through the concepts, tools, and building blocks of artificial intelligence. This course provides students with a broad overview of how AI is used in decision-making and problem-solving worldwide. Students will learn how ethics impacts AI and will also have the opportunity to explore the various parts of AI with hands-on activities through the use of chatbots and other exciting interactives.

*This course provides elective credit.*

## Computer and Network Security Fundamentals

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Credit: 1

Honors Code: 9001320

**Prerequisite:** None Required. If taking the course as part of the Applied Cybersecurity Program of Study, Digital Information Technology should be taken first.

As our world continues to go more and more digital, our vulnerability to cyberattacks soars. This course will take you from understanding the basics of home computing, operating systems and networking, to investigating security on a national scale. Using virtual labs, you will have a hands-on opportunity to practice solving cybersecurity issues in a simulated environment. Dive into the ethical and legal issues in cybersecurity and how professionals in the field can make a difference in the safety of millions. Put on your white hat and discover how computers and networks are kept secure!

*This course provides honors-level elective credit.*

## Cybersecurity Essentials

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Credit: 1

Course Code: 9001330

**Prerequisite:** None Required. If taking the course as part of the Applied Cybersecurity Program of Study, Digital Information Technology and Computer and Network Security Fundamentals should be taken first.

Have you or someone you know ever had personal information compromised? This inspiring course covers defensive strategies for computer, mobile device, and network security. You'll experience a hands-on approach to security strategies, expand your computer and networking security techniques, and improve your problem-solving skills. You will also explore numerous employment opportunities and prepare for one of the fastest-growing industries: cybersecurity.

*This course provides honors-level elective credit.*

## Digital Information Technology

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Credit: 1

Course Code: 8207310

This exciting course provides you with the foundational skills needed for future careers in a variety of technological fields. You'll explore emerging technologies, digital design, Microsoft Office online applications, operating systems, and much more! Learn your strengths and how they relate to potential career opportunities.

*This course provides elective credit and fulfills the character education and practical art requirement for high school graduation. Digital Information Technology, Foundations of Programming, and Procedural Programming make up the Web Application and Development Program of Study.*

## Foundations of Curriculum and Instruction NEW!

**Credit: 1**

**Honors Code: 8909030**

**Prerequisite:** None required. If taking this course as part of the Principles of Teaching Program of Study, Introduction to the Teaching Profession and Human Growth & Development should be taken first.

How do educators use technology to research, plan, and enhance instruction? You're about to find out! In this course, you'll explore different kinds of technology used for those purposes and more. You'll learn how technology can promote learning and literacy, engage students in the classroom, and bridge the connection between theory, planning, and instruction. Keeping the needs of all students in mind, you'll also try your hand at applying what you've learned and creating attention-grabbing classroom lessons as part of your portfolio for the class.

*This course provides honors-level elective credit.*

## Foundations of Programming

**Credit: 1**

**Honors Code: 9007210**

**Prerequisite:** None required. Algebra 1 is recommended. If taking the course as part of the Web Application Development and Programming Program of Study, Digital Information Technology should be taken first.

Learn the skills required to be competitive in today's high-tech workforce. This course covers the fundamentals of programming using the computer language Python. It provides you with the concepts, techniques, and processes associated with computer programming and software development. You'll also explore the vast programming career opportunities available in this high-demand field.

*This course provides honors-level elective credit. Digital Information Technology, Foundations of Programming, and Procedural Programming make up the Web Application and Development Program of Study.*

## Health Science Foundations

**Credit: 1**

**Honors Code: 8417110**

**Prerequisite:** None required. If taking this course as part of the Allied Health Assisting Program of Study, Anatomy & Physiology should be taken first.

Step into the Health Science Foundations course and learn what it takes to be a healthcare professional. This course is designed to provide the student with in-depth knowledge of the health care system and introduce them to various occupations in the field. Students will explore the educational requirements, licenses, and certifications for careers at multiple levels within the health care system. Throughout this course, students will learn what it means to have a healthy lifestyle, prevent disease, and discover their responsibilities as patients and future employees in the health care system. They will learn everything from applying for a job to ensuring the soft skills needed to excel in their career. The course will focus on communication and interpersonal skills, use of technology, ethics, and the development of critical thinking and problem-solving skills. Students will also learn first aid skills and how to assess vital signs. Health Science Foundations is part of the Secondary Health Core.

*This course provides honors-level elective credit.*

## Hospitality and Tourism Marketing Management NEW!

**Credit: 1**

**Honors Code: 8703120**

**Prerequisite:** None required. If taking this course as part of the Hospitality & Tourism Management Program of Study, Introduction to Hospitality & Tourism and Technology for Hospitality & Tourism should be taken first.

What makes one resort or restaurant more successful than another? Why are some hospitality brand names more recognizable to the public than others? You're about to find out! In this course, you'll learn marketing and management principles and procedures specific to the hospitality and tourism industry. With the sales, marketing, and entrepreneurship skills necessary to succeed in your future job, you'll look to future career opportunities and know the employment qualifications necessary to embrace them.

Hospitality and Tourism Marketing Management is the third course in the Hospitality & Tourism Program of Study. This course is a part of the Career and Technical Education programs.

*This course provides honors-level elective credit.*

## Human Growth and Development

**Credit: 1**

**Honors Code: 8909020**

**Prerequisite:** None required. If taking this course as part of the Principles of Teaching Program of Study, Introduction to the Teaching Profession should be taken first.

From the moment you're born, you're a learner. Your learning environment might not be a classroom quite yet, but you are growing and developing all the same. Your parents will likely keep track of milestones like your first smile and first steps, but growth and development isn't just a focus for mom and dad; teachers must also understand the connection between students' development and how to work best for their success. In this course, you'll learn about human growth development from infancy through adolescence, including ways to plan for working with students through those stages. You'll learn about different theories of development, as well as how to apply those theories to meet the varying needs of students in your classroom. You'll also learn what can affect a student's development, including health and safety concerns, heredity, and their environment. By continuing to develop a portfolio and participating in field observations, you'll observe children of various ages to see first-hand how teachers make the connection between theory and the classroom.

*This course provides elective credit.*

## Introduction to Hospitality and Tourism

**Credit: 1**

**Course Code: 8850110**

**Prerequisites:** None required. This is the first course in the Hospitality & Tourism Management Program of Study.

How would you like to be a part of the world's largest industry, with the potential to make a lot of money and take advantage of perks like flight upgrades, free hotel rooms, and free food? Welcome to the "industry of fun," Hospitality and Tourism. This course is the first in a series to dive into the numerous career avenues and business opportunities of the hospitality and tourism industry. You will learn about segments such as airlines, hotels, and cruise ships, as well as customer service and selling techniques. The course will prepare you to launch your career in hospitality and tourism, with projects and takeaways that you will be able to use immediately to help you land your dream job.

*This course provides elective credit.*

## Introduction to the Teaching Profession

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Credit: 1

Course Code: 8909010

Prerequisites: None required. This is the first course in the Principles of Teaching Program of Study.

When you think about people who have made a positive impact on your life, you can probably name at least one teacher. Maybe you remember a difficult time in a classroom when a teacher helped you through something, connected with you, or made the lightbulb click on in your brain. If you are thinking about teaching as a career, you can make a difference and have that same positive impact on others. In this course, you'll learn about teaching and related careers and how you can take advantage of opportunities to launch your future in the classroom. You'll learn about professionalism, ethics, and communication, as well as leadership and teamwork. By creating a portfolio and participating in field observations, you'll see first-hand what it takes to become a teacher your students will remember forever.

*This course provides elective credit.*

## Principles of Entrepreneurship NEW!

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Credit: 1

Course Code: 8812110

Prerequisite: None is required. This is the first course in the Entrepreneurship Program of Study.

In Principles of Entrepreneurship, students identify characteristics and traits of entrepreneurs and assess personal strengths and weaknesses for entrepreneurial success. This course focuses on outlining the steps in starting a business; the role of the economy in small businesses; the basic principles of marketing, selling, distributing, and financing; and workforce readiness skills needed to be a successful entrepreneur. Throughout the course, students focus on learning about and practicing their entrepreneurial mindset, a set of skills and attitudes that are beneficial both personally and professionally.

*This course provides elective credit.*

## Procedural Programming

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Credit: 1

Honors Code: 9007220

Prerequisite: None required. Algebra 1 is recommended. If taking the course as part of the Web Application Development and Programming Program of Study, Digital Information Technology and Foundations of Programming should be taken first.

Do you want to learn higher-level coding skills? This course teaches advanced programming concepts using the computer language Python. You will learn techniques and processes associated with computer programming and software development.

*This course provides honors-level elective credit. Digital Information Technology, Foundations of Programming, and Procedural Programming make up the Web Application and Development Program of Study.*

## Technology for Hospitality & Tourism

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Credit: 1

Course Code: 8703110

Prerequisite: None required. If taking the course as part of the Hospitality & Tourism Management Program of Study, Introduction to Hospitality & Tourism should be taken first.

This course takes the knowledge acquired in the Introduction to Hospitality & Tourism and narrows the focus to a study of how technology impacts the industry. This is the second course in a series to dive into the career avenues and business opportunities of the hospitality and tourism field, with a special focus on the computer technology and computer-related skills necessary to succeed in the profession. This course will prepare you even further for your launch into a hospitality and tourism career, with projects and activities that you will be able to apply to your search for a job in this high-demand industry. Technology for Hospitality & Tourism is the second course in the Hospitality & Tourism Program of Study. This course is a part of the Career and Technical Education programs.

*This course provides elective credit.*

# Electives

## Art History and Criticism 1 Honors UPDATED

**Credit:** 1

**Honors Code:** 0100330

Dig into and analyze significant works of art and architecture from Prehistory through the 21st century to discover art history and criticism methodologies. This course explores art historical terminology, media and techniques by varied artists and cultures, and examines how art is a vehicle to communicate cultural, political, and religious shifts and changes. You will develop your analysis skills by analyzing historical documents within the context of cultural heritage, critiquing and comparing works from around the world, and developing proficiency in writing and problem-solving.

*This course provides honors-level elective credit and fulfills a performing/fine art requirement for high school graduation. Students will gain knowledge of global art, architecture, and the human experience throughout time, which includes cultural examination, religious investigation, and nudity.*

## Astronomy Solar/Galactic NEW!

**Credit:** 1

**Course Code:** 2001350

Journey through the universe on a stellar exploration through space and time. Discover ancient astronomy and the instruments used to investigate the properties and motion of celestial objects. Examine planetary conditions in our solar system and beyond, exploring through experimentation and investigation the physics of light, the interactions between Earth, sun, and moon in our solar system, the luminosity of stars, and theoretical observations and developments. Explore the distance of objects in space through mathematical applications. This course is recommended for 11th and 12th-grade students.

*This course satisfies state science laboratory requirements.*

## Career Research and Decision Making

**Credit:** 0.5

**Course Code:** 1700380

This course will show you how to prepare for, get accepted to, and pay for college. You will explore different career and education pathways, study interview techniques and networking tips, create smart resumes, and learn how to plan for a successful future. Throughout the course you will be coached by Mawi Asgedom, a Harvard graduate and a student leadership expert who has trained more than a million students. Opportunity is knocking. Are you ready?

*This course provides elective credit and fulfills the character education requirement for high school graduation.*

## Criminal Justice Operations 1 UPDATED

**Credit:** 1

**Course Code:** 8918010

Explore the fields of law enforcement, the court system, and the correctional system. You will acquire technical skill proficiency, industry knowledge, higher-order reasoning and problem-solving skills, general employability skills, and occupation-specific skills needed in all aspects of law, public safety, and security careers. This course provides elective credit.

*This course provides elective credit. Due to the nature of criminal justice, the material can be graphic.*

## Critical Thinking and Study Skills

**Credit:** 0.5

**Course Code:** 1700370

Increase your success in high school and beyond by learning proven study techniques and test-taking skills. This half-credit course teaches the ACE test-taking method, which will assist students in their approach to high-stakes testing. Throughout the course, Mawi Asgedom, a Harvard graduate who was the first in his family to attend college, will coach you. Mawi is a student success expert who has trained more than a million students.

*This course provides elective credit.*

## Digital Art Imaging 1

**Credit:** 1

**Course Code:** 0108370

You interact with digital art every day, why not learn how to create it? In Digital Art Imaging 1, you will explore the fundamental concepts, tools, and techniques of digital imaging. You'll learn how to use computers, digital cameras, editing software, and more to create digital artworks and use the critique process grow artistically as you evaluate and respond to your own work. This course provides elective credit and fulfills a performing/fine art requirement for high school graduation.

*This course provides elective credit and fulfills a performing/fine art requirement for high school graduation.*

## Driver Education/Traffic Safety

**Credit:** 0.5

**Course Code:** 1900300

**Prerequisite:** Must be at least 14 and a half years old

Begin to develop safe driving skills by studying the Highway Transportation System, road signs, rules of the road, and how to make good choices behind the wheel. This course fulfills the Florida Department of Highway Safety and Motor Vehicles (DHSMV) required completion of the Traffic Law & Substance Abuse Education (TLSAE) course. As an added benefit for completing the course with FLVS, you will also be eligible to take the Class E Knowledge Exam for licensing online for FREE!

*This course provides elective credit.*

## Guitar 1

**Credit:** 1

**Course Code:** 1301320

Build your foundation in music skills as you learn music notation, music styles, and full-strum chords. You will play the guitar, learn practice skills, and perform for your teacher throughout the course.

*This course provides elective credit and fulfills a performing/fine art requirement for high school graduation. No prior music experience is necessary, but you must have your own six-string guitar and a way to record and submit a video performance to your teacher.*

## Holocaust Studies NEW!

**Credit:** 0.5

**Course Code:** 2109430

**Honors Code:** 2100405

Examine the Holocaust, defined as the deliberate and systematic persecution and murder of approximately 6 million Jewish people by the Nazi German state and its collaborators between 1933 and 1945. Through the course, you will study the experiences of the victims and survivors as you consider why it is important for current and future generations to learn from the Holocaust.

*This course provides elective credit.*

## Journalism 1

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**Credit: 1**

**Course Code: 1006300**

**Prerequisite: M/J Language Arts 3 recommended**

Explore a career in journalism and learn how to write a news story, a feature story, and an editorial. Throughout this course, you will learn best practices for conducting research and interviews, analyzing the reliability of sources, and self-editing.

*This course provides elective credit and fulfills a practical art requirement for high school graduation.*

## Law Studies

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**Credit: 0.5**

**Course Code: 2106350**

What are your rights as an American citizen? In this course, you will investigate aspects of family and consumer law, and learn how the state and federal court systems work. Gain an understanding of the judicial system and examine key differences between civil and criminal law.

*This course provides elective credit.*

## Leadership Skills Development

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**Credit: 1**

**Course Code: 2400300**

Succeed in high school, college, and beyond by taking your future into your own hands. In this two-semester course, you will learn how to take action, manage your time, chart your goals, and many other leadership techniques. Throughout the course, you will be coached by Mawi Asgedom, a Harvard graduate and a student leadership expert who has trained more than a million students.

*This course provides elective credit.*

## Life Management Skills

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**Credit: 0.5**

**Course Code: 0800300**

Learn how to deal with real issues that impact your everyday life, such as nutrition, substance abuse, stress, and health. Other topics in this course include healthy relationships, sexual health, and bullying. This course provides you with the facts you need to make important and informed decisions.

*This course provides elective credit. It does not fulfill a Physical Education requirement for high school graduation.*

## Meteorology Honors

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**Credit: 1**

**Honors Code: 2001330**

Meteorology covers the history of Earth's climate and the practices and tools used to study meteorology as well as the forces behind fluctuations in the Earth's weather and climate over time such as Milankovich Cycles, and ice ages. Students have the opportunity to access real-world empirical data to study weather patterns both globally and locally, model the processes that impact changes using basic mathematical expressions, graphing and statistics, and test the relationship between predictions and observations.

*This course is a science elective. It does not fulfill one of the science requirements for high school graduation.*

## Music of the World

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**Credit: 1**

**Course Code: 1300340**

Get ready to elevate your music knowledge to the next level. In this course, you will learn about Global musical traditions as you explore the function of music in a multitude of cultures. You will examine the fundamentals, sound, and structure of music to understand how music is representative of the culture it was created in. This course provides elective credit and fulfills a performing/fine art requirement for high school graduation..

*This course provides elective credit and fulfills a performing/fine art requirement for high school graduation.*

## Parenting Skills

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**Credit: 0.5**

**Course Code: 8500300**

What is the best way to care for children and teach them self-confidence and a sense of responsibility? The process of parenting involves more than having a child and providing food and shelter. In this course, students learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children.

Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships are some of the topics covered in this course. In addition, students get to know some careers and resources available that support families as well as debunking common parenting myths. Get started today and learn about the skills parents need to raise healthy and productive kids.

*This course provides elective credit.*

## Peer Counseling 1

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**Credit: 0.5**

**Course Code: 1400300**

**Prerequisite: Recommended for English Language Learner (ELL) students but open to all students**

Gain the skills to help you succeed in all areas of your life. You will learn how to take action, set goals, manage your time, and help your peers.

*This course provides elective credit.*

## Peer Counseling 2

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**Credit: 0.5**

**Course Code: 1400310**

Increase your confidence and build your social skills as you learn how to conquer peer pressure, social anxiety, and the unnecessary risks that can derail your future. In this course, you'll discover how your "super-charged" teen brain really works. By the end of your training, you will have new power to direct your own life and lead your classmates.

*This course provides elective credit.*

## Peer Counseling 2 ELL

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**Credit: 0.5**

**Course Code: 1400310**

**Prerequisite: Recommended for English Language Learner (ELL) students but open to all students**

You will learn the academic mindsets and study skills for success with this inspiring follow-up course to Peer Counseling 1. You will learn to accelerate your language acquisition in reading, writing, speaking, and listening. You will also learn how to get organized, prepare for your classes, and improve your test scores.

*This course provides elective credit.*

### Personal Financial Literacy

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**Credit:** 0.5

**Course Code:** 2102372

**Honors Code:** 2102374

**Prerequisite:** Algebra 1 recommended

Saving. Investing. Spending! Learn how to save and spend wisely, the ins and outs of credit, avoidance of identity theft, and how to make the most of investing your hard-earned money. Become a smart financial decision-maker and let your future self reap the benefits.

*This course provides elective credit.*

### Psychology 1

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**Credit:** 0.5

**Course Code:** 2107300

Where do thoughts and memories come from? What are emotions? Why do we behave the way we do? This course will help you to begin to understand the human mind by exploring the research and theories of some of the most brilliant psychologists throughout history. In addition, learn psychological tips you can use every day, like how to cope and reduce stress.

*This course provides elective credit.*

### Social Media 1

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**Credit:** 0.5

**Course Code:** 1006375

**Prerequisite:** Recommended for age 13 and older

Explore the history, developments, risks, and rewards of using social media. Discover how your individual contributions and influence can be enhanced with the appropriate use of social media. Using your own social media account, you will examine how your interactions can generate change, inform others, and leave a lasting effect.

*This course provides elective credit.*

### Theatre, Cinema, and Film Production NEW!

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**Credit:** 1

**Course Code:** 0400660

Lights, camera, action!

Explore the elements of theatre and cinematic techniques used by those who create performance productions and compare the elements in theatre and film that serve the story and articulate the theme. Students also reflect on the historical and cultural influences on productions and how those influences affect audiences. This course offers a detailed view of the creative, performance, and technical operations of theatre and film.

*This course provides elective credit and fulfills a performing/fine art requirement for high school graduation.*

*Advanced Placement (AP) courses require college-level reading and work. They align with the College Board Course and Exam Descriptions, which outline the knowledge and skills students need to achieve qualifying exam scores, in order to earn college credit. The AP program recommends that "all motivated and academically prepared students should be able to enroll in AP courses." Consult your school counselor to determine if AP courses are a good fit for you. To help allow for course completion prior to the AP Exams in May, FLVS closes registration for full-credit courses at the end of September, and half-credit courses at the end of January.*

### AP Art History

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**Credit:** 1

**Honors Code:** 0100300

**Prerequisite:** World History recommended

Within AP Art History, you will explore the interconnections between art, culture, and historical context through the critical lenses of artistic expression, cultural awareness, and purpose.

*This course provides elective credit and fulfills a performing/fine art requirement for high school graduation.*

### AP Biology

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**Credit:** 1

**Honors Code:** 2000340

**Prerequisites:** Biology 1, Chemistry 1, and Algebra 1 recommended

This challenging two-semester course engages you in a wide variety of activities. There is substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays, and mastering biology concepts.

*This course fulfills one required science credit for high school graduation.*

### AP Calculus AB

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**Credit:** 1

**Honors Code:** 1202310

**Prerequisites:** Algebra 1, Geometry, Algebra 2, and Precalculus or Trigonometry/Analytical Geometry

Comparable to college and university calculus, this course helps prepare you for the Calculus AB Advanced Placement Exam.

Study limits, continuity, and differentiation; integrated algebraic, trigonometric, and transcendental functions; and the applications of derivatives and integrals.

*This course fulfills one required math credit for high school graduation.*

### AP Calculus BC

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**Credit:** 1

**Honors Code:** 1202320

**Prerequisites:** Algebra 1, Geometry, Algebra 2, and Precalculus or Trigonometry/Analytical Geometry

Comparable to college and university calculus, this course will help prepare you for the Calculus BC Advanced Placement exam.

Study limits, continuity, differentiation, integration, differential equations, and the applications of derivatives and integrals, parametric and polar equations, and infinite sequences and series.

*This course fulfills one required math credit for high school graduation.*

## AP Capstone Seminar

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**Credit:** 1

**Honors Code:** 1700500

**Prerequisite:** Honors/AICE/Pre-AP level English course. Students need to have completed at least one (1) AP course through FLVS before being eligible to sign up for AP Seminar. (Students who have not completed an AP course with FLVS can commit to co-enroll in an AP course.)

This course will conduct academic discussions over various topics with multiple perspectives, honing debating, writing, and presenting skills. AP Capstone Seminar is the first course in the AP Capstone program and is delivered as a live course weekly.

*This course fulfills one required math credit for high school graduation.*

## AP Computer Science A

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**Credit:** 1

**Honors Code:** 0200320

**Prerequisites:** Algebra 1 required; Algebra 2 and prior programming experience (i.e. Foundations of Programming) recommended

Develop the skills required to write programs or parts of programs to correctly solve specific problems. You will learn design techniques to make programs understandable, adaptable, and reusable.

*This course fulfills one required math credit for high school graduation.*

## AP Computer Science Principles NEW!

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**Credit:** 1

**Honors Code:** 0200335

AP Computer Science Principles is a college-level course that sets the foundation for learning the concepts and challenges of computer science and its impacts on society. Students will stretch their creativity and problem-solving skills to build solutions for the issues they find important. They will learn how to design, develop, and evaluate computer programs using algorithms and the JavaScript programming language. Students will practice analyzing data and simulations to extract knowledge from information. While exploring computing innovations and the internet, they will uncover the benefits and risks of their digital world and how to help their community through technology.

AP Computer Science Principles is equivalent to a first-semester, college-level breadth course in computer science.

*This course provides elective credit.*

## AP English Language and Composition

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**Credit:** 1

**Honors Code:** 1001420

**Prerequisites:** English 1 and 2

Read and analyze prose written in various periods, disciplines, and rhetorical contexts while gaining an understanding of the interactions among a writer's purposes, audience expectations, and subjects.

*This course fulfills one required English credit for high school graduation.*

## AP English Literature and Composition

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**Credit:** 1

**Honors Code:** 1001430

**Prerequisites:** English 1, 2, and 3

Develop critical standards for the appreciation of literary works and increase your sensitivity to literature as a shared experience.

*This course fulfills one required English credit for high school graduation.*

## AP Environmental Science

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**Credit:** 1

**Honors Code:** 2001380

**Prerequisites:** Algebra 1 and two years of high school science, with labs

Learn the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. You will evaluate the risks associated with environmental problems and examine alternative solutions in virtual labs.

*This course fulfills one required science credit for high school graduation.*

## AP Human Geography

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**Credit:** 1

**Honors Code:** 2103400

Explore the patterns and processes that impact the way humans understand, use, and change Earth's surface. Geographic models, methods, and tools help you examine the effect that human social organization and interconnections have on our world.

*This course provides elective credit.*

## AP Macroeconomics

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**Credit:** 0.5

**Honors Code:** 2102370

**Prerequisite:** Algebra 1 recommended

Explore the fundamentals of economics, then zoom out to the largest scale of economic analysis, learning the indicators of whole countries' economic health. In this course, you will gain a much deeper understanding of the world around you, the roles that government and bank.

*This course fulfills the Economics high school graduation requirement.*

## AP Microeconomics

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**Credit:** 0.5

**Honors Code:** 2102360

**Prerequisite:** Algebra 1 recommended

Explore the power of marginal thinking and apply it to common decisions that individuals and business firms encounter each day. Examine, interpret, analyze, and model key microeconomics concepts and processes, from the shifting supply and demand for familiar products to the model of the labor market and how wages are determined.

*This course fulfills the Economics high school graduation requirement.*

## AP Physics 1 NEW!

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**Credit:** 1

**Honors Code:** 2003421

**Prerequisite:** Algebra and Geometry recommended

Are you planning a career in science, health, or engineering? AP Physics 1 is an algebra-based, introductory physics course that will guide you through a college-level learning experience. You will develop an understanding of physics through rich content, engaging activities, and inquiry-based laboratory. You will explore concepts such as analyzing motion, force interactions, energy, rotational motion, and waves. Students who successfully complete this course will be equipped with the knowledge and skills necessary for their next steps in many medical, environmental, or scientific career paths.

*This course fulfills one required science credit for high school graduation.*

### AP Psychology

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**Credit:** 1

**Honors Code:** 2107350

Immerse yourself in modern psychological techniques investigating the ethics and morality of human and animal research. In this college-level course, you will learn the psychological facts, principles, and phenomena associated with each major area of psychology and enhance your scientific critical thinking skills.

*This course provides elective credit.*

### AP Statistics

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**Credit:** 1

**Honors Code:** 1210320

**Prerequisite:** Algebra 2

Have you ever questioned whether an advertisement was telling the whole truth about the findings of a study? Comparable to college and university statistics, this course will help you explore data and become an educated consumer of statistics! Explore sampling and experimentation by planning studies like a researcher. Anticipate patterns using probability and simulation, and use statistical inference to analyze data and draw conclusions.

*This course fulfills one required math credit for high school graduation.*

### AP United States Government and Politics

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**Credit:** 0.5

**Honors Code:** 2106420

**Prerequisite:** United States History recommended

Research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. You will experience the production of policy building in multiple economic and social settings.

*This course fulfills the United States Government high school graduation requirement.*

### AP United States History

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**Credit:** 1

**Honors Code:** 2100330

**Prerequisite:** World History recommended

Develop and use historical thinking skills to examine the history of the United States from 1491 to the present. You will learn through active participation as you analyze sources to gain a conceptual understanding of U.S. history. Each time period is divided into key concepts meant to contextualize history and show continuity as well as change over time.

*This course fulfills the United States History high school graduation requirement.*

View the most current listing of high school courses and enroll:



[flvs.net/courses](https://flvs.net/courses)

# Middle School

## English

### M/J Language Arts 1 – Grade 6

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Length: Year

Course Code: 1001010

Advanced Code: 1001020

Through a merging of the past and the present, students in the MJ Language Arts 1 course study classical and contemporary texts and examine the lasting influence of each. Students acquire a foundational understanding of the reading, writing, language, and speaking/listening skills necessary for success in college, career, and beyond. Students become critical readers and thinkers as they delve into rigorous and engaging literary and informational texts by examining the author's rhetoric and purpose through close readings, interactive practice, and formal assessments. They also learn to write effective narrative, informational, and argumentative pieces through the repeated practice of planning, drafting, revising, and editing their written work.

### M/J Language Arts 2 – Grade 7

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Length: Year

Course Code: 1001040

Advanced Code: 1001050

Through a theme of finding their voice, students in the MJ Language Arts 2 course study the ways in which word choice and sentence structure contribute to developing the author's perspective. Students continue to develop the reading, writing, language, and speaking/listening skills necessary for success in college, career, and beyond with a strong connection to civics throughout the centuries. Students closely examine voice, purpose, diction, syntax, and rhetoric in historical speeches, informational texts, and classic and contemporary literature through guided readings, interactive practice, and formal assessments. They also grow their narrative, informational, and argumentative writing skills through the repeated practice of planning, drafting, revising, and editing their written work.

### M/J Language Arts 3 – Grade 8

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Length: Year

Course Code: 1001070

Advanced Code: 1001080

Through reading, writing, and rhetoric, students in the MJ Language Arts 3 course examine how authors fine-tune and utilize their craft to create texts with purpose. Students continue to develop the reading, writing, language, and speaking/listening skills necessary for success in high school, college, career, and beyond. Students evaluate and analyze voice, purpose, diction, syntax, and rhetoric in historical speeches, informational texts, and classic and contemporary literature through guided readings, interactive practice, and formal assessments. They also refine their narrative, informational, and argumentative writing skills through the repeated practice of planning, drafting, revising, and editing their written work.

## Mathematics

### M/J Grade 6 Mathematics

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Length: Year

Course Code: 1205010

Accelerated Code: 1205020

How do mathematicians think, write, and speak? Find out in Grade 6 Mathematics, where you will experience new ways of solving problems through interactive and engaging activities. With a focus on hands-on learning and real-world application, you will be exposed to foundational concepts needed for higher-level math study, including integer operations, equations, and statistics.

### M/J Grade 7 Mathematics

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Length: Year

Course Code: 1205040

Have you ever wondered, "When will I use this in real life?" Grade 7 Mathematics has great news! There are hundreds of ways that math is used in the real world, and this course is designed to help you think critically as you explore a few of those applications. With interactive lessons and many opportunities for practice, you will be able to apply what you learn in relevant ways. Key foundational concepts like proportional relationships, probability, and geometry will help prepare you for the next level of learning.

### M/J Grade 7 Mathematics - Accelerated

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Length: Year

Accelerated Code: 1205050

This course provides a bridge between middle and high school mathematics. Algebraic reasoning will deepen your understanding of geometry and statistics and will help prepare you for the next level of learning. With interactive lessons and many opportunities for practice, you will be able to apply what you learn in relevant ways.

*This course includes standards from M/J Grade 7 Mathematics and Pre-Algebra. Students who complete this course successfully will be ready to go on to high school level Algebra I.*

### M/J Grade 8 Pre-Algebra

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Length: Year

Course Code: 1205070

Ready, set, go! Grade 8 Pre-Algebra is all about training to run the race of high school math. You will strengthen your skills in topics like linear relationships, functions, and equations, and learn new skills that prepare you for Algebra 1. This course is designed with interactive learning and real-world activities to strengthen your math muscles for the race ahead.

*The grade level in the course titles reflects FLVS recommendations for appropriate course progression, however, these courses are open to all middle school grade levels. Select high school courses may be available to middle school students. Please consult your school counselor for more information.*



## Science

### M/J Comprehensive Science 1 – Grade 6

Length: Year

Course Code: 2002040

Advanced Code: 2002050

Get ready to investigate energy, force, weather, climate, Earth's systems, and living organisms. This in-depth exploration will spark scientific curiosity and build a foundation for concepts covered in Comprehensive Science 2 and 3.

### M/J Comprehensive Science 2 – Grade 7

Length: Year

Course Code: 2002070

Advanced Code: 2002080

Explore the foundations of science, including energy, Earth's changing features and structures, Earth's history, genetics, heredity, and the organization and interaction of living organisms.

### M/J Comprehensive Science 3 – Grade 8

Length: Year

Course Code: 2002100

Advanced Code: 2002110

Spark your passion for science by discovering the properties of matter, changes in matter, and energy flow. Explore the universe and the interactions between the Earth, sun, and moon in our solar system.



## Social Studies

### M/J World History

Length: Year

Course Code: 2109010

Advanced Code: 2109020

Prerequisite: Recommended for 6th grade, but open to all middle school grade levels (district dependent)

Travel back in time to discover the secrets and benefits of our world's history. You will learn about China's ancient dynasties, the precision of Mayan astronomy, and India's contribution to medicine, which have formed what we know and who we are today.

### M/J Civics UPDATED!

Length: Year

Course Code: 2106010

Advanced Code: 2106020

Prerequisite: Recommended for 7th grade, but open to all middle school grade levels (district dependent)

Explore the rights and responsibilities of United States citizenship and examine the structure and function of federal, state, and local governments. You will learn about geography and economics and the important roles citizens play in their communities.

### M/J United States History

Length: Year

Course Code: 2100010

Advanced Code: 2100020

Prerequisite: Recommended for 8th grade, but open to all middle school grade levels (district dependent)

You will discover that history is full of adventure, colorful characters, and complex plots. Each plot is different and highlights an important story from our nation's past.



## Career and Technical Education (CTE)

### M/J Business Keyboarding

Length: Semester

Course Code: 8200110

Using an FLVS custom designed keyboarding tool, you will gain typing speed while learning the proper technique to become a keyboarding master. You will also learn business skills to prepare for your future career.

*This course provides middle school elective credit.*

### M/J Coding Fundamentals

Length: Semester

Course Code: 9009200

Do you ever wonder how your favorite websites and games are made? This course will inspire you to build your own! You will learn about the technology you use in your day-to-day life. Get an introduction to the basics of computer science and discover how to create and build your very own website using HTML. You will also use the programming language Python to create and problem solve actual computer programs. This course provides middle school elective credit.

*This course provides middle school elective credit.*

### M/J Computer Science Discoveries 1

Length: Semester

Course Code: 0200010

Computer Science Discoveries 1 will take students on a journey into one of the fastest-growing and exciting fields of the century. The course explores how computer science exists all around us, even when we're not aware. It gives students the opportunity to fine-tune their computer knowledge and coding skills, learn binary, and create innovative projects. No previous coding experience is needed to succeed in this course.

*This course provides middle school elective credit.*

### M/J Computer Science Discoveries 2

Length: Semester

Course Code: 0200020

Prerequisite: M/J Computer Science Discoveries 1 is recommended

Computer Science Discoveries 2 takes students on a journey into the world of technology. The course takes an in-depth look into how humans and computers interact, with an emphasis on thinking outside of the box. Students will tap into their creative side using a variety of technological tools to dream up and create their very own designs. The creation of these computational artifacts prepares students for careers in just about every field.

*This course provides middle school elective credit.*

*The grade level in the course titles reflects FLVS recommendations for appropriate course progression, however, these courses are open to all middle school grade levels. Select high school courses may be available to middle school students. Please consult your school counselor for more information.*

# Electives

## M/J Career Research and Decision Making

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**Length:** Semester

**Course Code:** 1700060

Thinking ahead to your future career is exciting! In this course, you will participate in several self-assessment activities to help you become more aware of your unique interests, values, and skills. You will learn how to set goals for your future career path and develop an understanding of the steps you would follow to obtain a job.

*This course provides middle school elective credit.*

## M/J Comprehensive PE – Grade 6/7

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**Length:** Semester

**Course Code:** 1508060

This course provides a foundation of knowledge, skills, and values students need to develop a physically active lifestyle. A friendly cast of course characters helps guide and enhance your experience. Knowledge about safety rules for exercise, how to improve sport skills, how different activities target different body parts, and how to set and a goal are all part of your learning and participation. Activity choices are plentiful, leading to a healthy and physically active lifestyle.

*This course provides middle school elective credit. Please check with your school district regarding middle school physical education requirements.*

## M/J Comprehensive PE – Grade 7/8

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**Length:** Semester

**Course Code:** 1508070

This interactive, highly animated course helps you learn safety rules for exercise, how to improve skills, and how to establish and accomplish goals. It also provides an overview of many dual, team, extreme, and outdoor sports.

*This course provides middle school elective credit. Please check with your school district regarding middle school physical education requirements.*

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

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**Length:** Year

**Course Code:** 1700100

**Prerequisites:** Recommended for 7th and 8th grade students

Gain strategies to find important information quickly, transfer it to long-term memory, and perform better on assignments and tests. You will learn to become a more efficient learner, find balance, and prioritize goals.

*This course provides middle school elective credit.*

## M/J Digital Art & Design 1

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**Length:** Year

**Course Code:** 0103000

You see digital art every day, and in M/J Digital Art & Design 1, you not only will investigate digital art, but you'll learn how to create it yourself! In this course, you will explore the tools, basic concepts, and techniques artists use to create digital art. You'll learn how to use computers, digital cameras, editing software, and more to create digital artworks and grow artistically as you evaluate and respond to your own work.

*This course provides middle school elective credit.*

## M/J Exploring Music 1

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**Length:** Year

**Course Code:** 1301090

Ever wonder about how people make music? In this course, you'll not only investigate musical instruments, composers, styles, and concepts, you'll explore how it's used all around the world! You will learn about how musical genres have developed throughout time and in different places, and you'll dig into how music is created, performed, and experienced. You'll even have the chance to make some tunes of your own!

*This course provides middle school elective credit.*

## M/J Fitness – Grade 6

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**Length:** Semester

**Course Code:** 1508000

You will explore health and fitness topics with a crew of virtual characters. Among them is Coach Cardio, who will help measure your increasing fitness level as you learn to keep your body physically fit.

*This course provides middle school elective credit. Please check with your school district regarding middle school physical education requirements.*

## M/J Guitar 1

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**Length:** Year

**Course Code:** 1301060

Whether you have been playing the guitar forever, or have never touched one, this course will jumpstart your music education or continue to build on your existing skills. You will learn to play a wide variety of styles by learning fundamentals of music and basic guitar skills as you journey on to becoming a skilled guitarist and musician.

*This course provides middle school elective credit. No prior music experience is necessary, but you must have your own six-string guitar and a way to record and submit a video performance to your teacher.*

## M/J Peer Counseling 1

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**Length:** Year

**Course Code:** 1400000

Build the confidence and skills to succeed in middle school. Make peer pressure work for you instead of against you, and learn how to create strong friendships where everyone wins. By the end of this course you will have higher confidence, new skills for success, and dozens of proven strategies to unlock your potential and achieve your dreams.

*This course provides middle school elective credit.*

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# Electives continued

## M/J Spanish, Beginning

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**Length:** Year

**Course Code:** 0708000

Immerse yourself in the Spanish language and culture. Develop your listening, speaking, reading, and writing skills while broadening your exposure and appreciation for Spanish cultural similarities and differences.

*This course provides middle school elective credit and is not eligible for high school transcripts.*

## M/J Spanish, Intermediate

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**Length:** Year

**Course Code:** 0708010

**Prerequisite:** M/J Spanish Beginning

Immerse yourself in the Spanish language and culture. Continue to develop your grammar and vocabulary skills to help build basic fluency and language proficiency while exploring more of the culture of Spanish-speaking countries.

*This course provides middle school elective credit.*

## M/J Visual Art 1

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**Length:** Semester

**Course Code:** 0101100

Ever wonder about how you can create art? In MJ Visual Art I, you'll connect with art created by other artists as you learn how to plan, create, and reflect on your own art. You'll discover tools and techniques artists use as you create your own drawings, sculptures, paintings, photographs, and mixed-media works. You'll need to purchase supplies for this class. But don't worry, you have choices in what you can use!

*This course provides middle school elective credit.*

## M/J Visual Art 2

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**Length:** Semester

**Course Code:** 0101110

Ready to continue your artistic journey? In MJ Visual Art II, you will explore artistic themes as you continue to plan, create, and reflect on your own art. You'll work to grow your artistic skills and experiment with mediums and techniques you've already experienced while learning to use even more! You'll need to purchase supplies for this class. But don't worry, you have choices in what you can use!

*This course provides middle school elective credit.*

View the most current listing of middle school courses and enroll:



[flvs.net/courses](https://flvs.net/courses)

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# Elementary School



## Language Arts

### Language Arts – Kindergarten

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**Length:** Year

**Course Code:** 5010041

**Prerequisite:** Must be age 5 on or before September 1 of the current school year

Learn to read and write with Penelope the Pirate! In this course, students will go on a language arts adventure where they'll learn new letters and sounds and how to put them together to make words. Students will go on an alphabet safari, play games, share ideas through drawing and writing, read along with interactive storybooks, and even record themselves sounding out words as they discover a whole new world of letters, sounds, and words.

### Language Arts – Grade One

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**Length:** Year

**Course Code:** 5010042

**Prerequisites:** Language Arts – Kindergarten; Must be age 6 on or before September 1 of the current school year

Grab your compass and gear up for a camping trip! In this course, students will go on a reading adventure where they'll learn sight words and develop skills in writing, vocabulary, comprehension, phonics, and more. Students will learn to read and write by understanding how letters and letter combinations make certain sounds. Join Cameron the Camper as he uses question words, his spelling backpack, and other fun tools to dive deeper into reading!

### Language Arts – Grade Two

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**Length:** Year

**Course Code:** 5010043

**Prerequisite:** Language Arts - Grade One

Calling all environmentalists! In this course, students will follow Ninovan, the Environmental Scientist, on a learning adventure. Students will explore writing, grammar, phonics, and more. They will practice sight words and reading fluency, learn reading comprehension skills with both literature and informational texts, and go through the writing process with expository, narrative, and opinion-based writing.

### Language Arts – Grade Three

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**Length:** Year

**Course Code:** 5010044

**Prerequisite:** Language Arts - Grade Two

3... 2... 1... blast off! In this course, students will meet new friends as they explore the world of reading and writing. They will develop skills in decoding, morphology, cursive writing, context clues, grammar, and more. Students will expand their writing skills and practice each step of the writing process with opinion, narrative, and expository writing. From amazing animals to healthy choices, students will be drawn in with engaging text, interactives, graphic organizers, and practice activities. Come join an adventure that is out of this world!

### Language Arts – Grade Four

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**Length:** Year

**Course Code:** 5010045

**Prerequisite:** Language Arts – Grade Three

Grab your passport and join new friends on a virtual adventure! In this course, students will explore the world of reading and writing as they learn skills in morphology, spelling, grammar, cursive writing, and more. They'll also have practice completing argumentative, expository, and narrative writing pieces. Through interactive games and practice activities, students will investigate nature, friendship, and other exciting topics while reading engaging texts and stories about the world around us. Let's go!

### Language Arts – Grade Five

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**Length:** Year

**Course Code:** 5010046

**Prerequisite:** Language Arts – Grade Four

Pack those bags and get ready to travel across the United States! In this course, students will put their skills to work as they learn all about word construction, cursive writing, spelling, context clues, vocabulary, reading comprehension, grammar, and the writing process. They will write narrative, expository, and argumentative essays. Students will also participate in engaging lessons that include interactives, informational and literary texts, graphic organizers, videos, and various practice activities. Let's hit the road!



# Mathematics

## Mathematics – Kindergarten

**Length:** Year

**Course Code:** 5012020

**Prerequisite:** Must be age 5 on or before September 1 of the current school year

Jump in and explore the world of numbers on a bug hunt, under the sea, and at the beach. Students will learn to count, compare numbers, identify shapes, add, subtract, and measure in this course. Along the way, they will have hands-on activities and friendly characters such as Niko, Riley, and Slater to practice their problem-solving skills.

## Mathematics – Grade One

**Length:** Year

**Course Code:** 5012030

**Prerequisites:** Mathematics – Kindergarten; Must be age 6 on or before September 1 of the current school year

Math to the rescue! As students work through this course, they will use their math skills to help solve problems for Marv the Monster, Percy's Pet Shop, and plenty more fun and silly characters and situations. Along the way, students will learn to solve word problems, skip count, and use math strategies to add and subtract. In addition, students will also explore forms of measurement and money as they learn a variety of practical real-life math skills.

## Mathematics – Grade Two

**Length:** Year

**Course Code:** 5012040

**Prerequisite:** Mathematics – Grade One

Get ready for adventure! This course will take students on real-life and imaginary adventures as they practice their math skills and strategies. Students will learn how to add and subtract numbers up to 1,000, solve word problems using money, time, measurement, and data, and categorize 2-D shapes.

## Mathematics – Grade Three

**Length:** Year

**Course Code:** 5012050

**Prerequisite:** Mathematics – Grade Two

Want to make a difference using math? In this course, students will have a chance to do just that. Students will use math strategies to help at the Sports Factory using addition and subtraction, use multiplication to complete the Amazing Math Race, and use fractions to help at the Animal Rescue Center. By the end of this course, students will be comfortable working with fractions, representing data, and solving one-and two-step word problems.

## Mathematics – Grade Four

**Length:** Year

**Course Code:** 5012060

**Prerequisite:** Mathematics – Grade 3

Don't just learn math—use it! In this course, students will have plenty of opportunities to use their math strategies. They will master multi-digit multiplication to help Amara find the Golden Math Statue, add and subtract fractions while on a Dino Dig with Chip, and use their protractor skills to measure angles on buildings found in cities on Adeena's bucket list. Math is everywhere!

## Mathematics – Grade Five

**Length:** Year

**Course Code:** 5012070

**Prerequisite:** Mathematics – Grade Four

Where can math skills take you? In this course, students will use division skills to navigate their journey across the Arctic circle. Then, students will participate in an escape challenge at an art museum where they will add and subtract fractions to escape each exhibit. Students will also go inside a video game where they will build on their knowledge of finding the area or volume of a given shape. What other math adventures await?



# Science

## Science – Kindergarten

**Length:** Year

**Course Code:** 5020010

**Prerequisite:** Must be age 5 on or before September 1 of the current school year

Dive in and discover science through fun and exploration! This course takes students on a scientific journey where they'll learn skills in research, problem solving, experimentation, and more. With plenty of hands-on and lab investigations, students will go camping with the Sense Squad and follow Superhero Sam as he protects the world and teaches all about science!

## Science – Grade One

**Length:** Year

**Course Code:** 5020020

**Prerequisites:** Science – Kindergarten; Must be age 6 on or before September 1 of the current school year

Join Astro-Girl as she travels through space to learn about the sun and stars. Then, shrink yourself to the size of a bug in Lily's World of Plants! This course will take students on a scientific journey where they'll learn skills in research, problem solving, experimentation, and more. Students will meet scientists, help a baby duckling find its parents, and follow a zookeeper as he cares for animals.

## Science – Grade Two

**Length:** Year

**Course Code:** 5020030

**Prerequisite:** Science – Grade One

Get to know Earth . . . and everything on it! This course will take students on a scientific journey where they'll learn skills in analysis, engineering, research, problem solving, experimentation, and more. Follow Chef Pierre as he cooks up scientific concoctions, explore with junior inventor Ruby at Fizzworks Factory, and meet Dr. Bodi, who will guide students through the actual human body!

## Science – Grade Three

**Length:** Year

**Course Code:** 5020040

**Prerequisite:** Science – Grade Two

Get hands-on learning about physical properties, the energy of motion, the solar system, and more! See the stars with astronomer Professor Cozmo, build a tree house, and discover the science behind skateboarding. In this course, students won't just learn about science, they'll see it in action! Through problem solving, experimentation, creating models, and analyzing and interpreting data, students will explore the world of science like never before.

## Science – Grade Four

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Length: Year

Course Code: 5020050

Prerequisite: Science – Grade Three

Want to make a difference on Earth? Get hands-on learning about environmental impacts, energy, magnetism, and even octopus suckers! In this course, students won't just learn about science, they'll see it in action! Through problem solving, experimentation, creating models, and analyzing and interpreting data, students will explore the world of science like never before.

## Science – Grade Five

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Length: Year

Course Code: 5020060

Prerequisite: Science – Grade Four

Why do giraffes have such long necks? What makes a hurricane? Why does ice cream melt? Get answers with hands-on learning about animal adaptations, extreme weather, properties of matter, and more! In this course, students won't just learn about science, they'll see it in action! Through problem solving, experimentation, creating models, and analyzing and interpreting data, students will explore the world of science like never before.



# Social Studies

## Social Studies – Kindergarten UPDATED!

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Length: Year

Course Code: 5021020

Prerequisite: Must be age 5 on or before September 1 of the current school year

Welcome to the Super Citizen Challenge! Join Miriam and her dog, Ziggy, and learn how to be good citizens and earn badges along the way. Through stories, games, and videos, students will explore American traditions, seasonal celebrations, geography, and even economics that will take them to new heights.

## Social Studies – Grade 1 UPDATED!

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Length: Year

Course Code: 5021030

Prerequisites: Social Studies – Kindergarten; Must be age 6 on or before September 1 of the current school year

Super Citizen to the rescue! Join the exciting community of Heroville where students become superheroes-in-training and will undergo the Library Quest scavenger hunt, complete puzzles, and even solve a mystery. This course will develop students understanding of citizenship in the home, school, and community to become a SUPER citizen.

## Social Studies – Grade 2 UPDATED!

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Length: Year

Course Code: 5021040

Prerequisite: Social Studies – Grade 1

Take the Great American Road Trip! Visit Fort Knox and learn about supply and demand, travel to San Francisco to study trade, and tour Plymouth in your Pilgrim hat. Students can join Team Raging River and play Location Station or visit a Native American museum with Ralph and Camila. Packed with activities, videos, and games, students will study the geography of North America, the impact of immigration, and the foundations of American citizenship while collecting souvenirs along the way.

## Social Studies – Grade 3 UPDATED!

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Length: Year

Course Code: 5021050

Prerequisite: Social Studies – Grade 2

Grab those backpacks, compasses, and maps and get ready for an unforgettable adventure! In this course, students hit the road with Cameron and Jason to discover the regions of the U.S., solve a mystery while learning about the countries of North America, tour Source Central to understand American history and civics, and ride the Great Canadian Rail Ride across Canada. Let's go!

## Social Studies – Grade 4 UPDATED!

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Length: Year

Course Code: 5021060

Prerequisite: Social Studies – Grade 3

Grab those backpacks, compasses, and maps and get ready for an unforgettable adventure! In this course, students hit the road with Cameron and Jason to discover the regions of the U.S., solve a mystery while learning about the countries of North America, tour Source Central to understand American history and civics, and ride the Great Canadian Rail Ride across Canada. Let's go!

## Social Studies – Grade 5 UPDATED!

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Length: Year

Course Code: 5021070

Prerequisite: Social Studies – Grade 4

Exploration starts here! Pack your virtual suitcase and travel the world with Ava, using maps and resources as a guide. Set sail across the Atlantic, watch Memory Moments videos highlighting American history events, use the In Other Words feature to understand primary sources, and solve real-world problems such as choosing where to set up a pet-friendly hurricane shelter. By the end of this course, students will create an entire scrapbook highlighting their favorite memories from the journey.

## Specials

### Art – Kindergarten

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**Length:** Year

**Course Code:** 5001010

**Prerequisite:** Must be age 5 on or before September 1 of the current school year

Get creative and express yourself! This course is all about inspiration, expression, and boosting self-confidence in each student's creativity. Budding artists will explore the elements of art, learn about artists, and find inspiration in the world around them to create their own artwork.

### Art – Grade 1

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**Length:** Year

**Course Code:** 5001020

**Prerequisites:** Must be age 6 on or before September 1 of the current school year

Get inspired and embrace your artistic side! In this course, students will learn art techniques in drawing, painting, sculpture, and printmaking. They'll explore the Elements of Art like line, space, color, shape, and texture in the world around them and connect them to artworks of master artists like Vincent van Gogh and Romero Britto. Join Cassatt Color, Salvador Space, Frank Form, and their friends while they explore the world of art!

### Art – Grade 2

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**Length:** Year

**Course Code:** 5001030

**Prerequisite:** Art – Grade 1

Be inspired to grow as an artist and learn from the masters! This course isn't just about learning art, it's about creating art inspired by great artists. From the works of Jackson Pollock to Horace Pippin, students will explore the Elements of Art like color and line to learn how artists use them to tell a story, and then tell a story of their own! Discover where artists find inspiration in their own culture and tradition and how they show it in their art.

### Art – Grade 3 UPDATED!

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**Length:** Year

**Course Code:** 5001040

**Prerequisite:** Art – Grade 2

Learn how to create Mexican papel picado or observe Dutch paintings in the Netherlands! In this course, students will learn the Principles of Design while they explore art from around the world. From the gestural lines of Edgar Degas to the organic glass sculptures of Dale Chihuly, students will learn art techniques that will fuel their creative spirit.

### Art – Grade 4

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**Length:** Year

**Course Code:** 5001050

**Prerequisite:** Art – Grade 3

Explore the Lascaux Caves in France or lacemaking and street art in Brazil! From Impressionism to Pop Art, students will learn about many styles of art and how to appreciate artists in their own community. By creating works of art inspired by Andy Warhol and Frank Stella, students will build their art techniques by practicing rhythm, pattern, symmetry, and other Principles of Design.

### Art – Grade 5

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**Length:** Year

**Course Code:** 5001060

**Prerequisite:** Art – Grade 4

Discover how Bridget Riley and Salvador Dalí use optical illusions to trick your eye with their artworks! No matter what a student's interest—painting, pottery, glassblowing, sculpting, or graphic design—this course introduces students to all types of careers in the artistic field. Students will build on their art techniques, learn the art of critique, and travel across the world to explore how language and music influence art in different countries.

### Computer Science – Kindergarten

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**Length:** Year

**Course Code:** 5002010

**Prerequisite:** Must be age 5 on or before September 1 of the current school year

Join the Digital Defenders in the fight against sneaky Spam Spider and evil Dr. Malware! In this course, students will blast into cyberspace where they'll learn about cyberbullying, being a good digital citizen, and how to stay safe on and off the computer. Students will even learn pre-coding skills by breaking down simple tasks and putting them in step-by-step order. Through fun games and videos, they'll use search engines, learn the different parts of an email, and discover the exciting world of technology!

### Computer Science – Grade 1

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**Length:** Year

**Course Code:** 5002010

**Prerequisite:** Must be age 6 on or before September 1 of the current school year

Go on a scavenger hunt with Community Helper Kyle! In this course, students will blast into cyberspace where they'll learn about problem solving, breaking down tasks into steps, and how to stay safe on and off the computer. Through fun games and videos, they'll find and remove computer bugs, build a playground with a computer-programming robot, and create their own digital artifact.

### Computer Science – Grade 2

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**Length:** Year

**Course Code:** 5002010

Join Travis on safari through the Purple Lily Jungle! In this course, students will blast into cyberspace where they'll learn about loops and iterations, how to stay safe on and off the computer, how to tell a computer program what to do, and more. Through fun games and videos, students will problem-solve with keywords, practice their coding skills while helping an alien, and create a digital artifact about their travels.

### Computer Science – Grade 3

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**Length:** Year

**Course Code:** 5002020

Master the QWERTY keyboard with Maya! In this course, students will journey deeper into cyberspace as they learn where to put their fingers while typing, how technology helps people with special needs, and more. From playing online coding games to getting unplugged, students will learn to balance their time both on and off the computer.

## Computer Science – Grade 4

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**Length:** Year

**Course Code:** 5002020

Make a cat dance from New York to the Alps with coding! In this course, students will journey deeper into cyberspace as they learn to spot and stop cyberbullying, use Microsoft Word Online, research artificial intelligence, and more. From coding practice with online games to finding things to do on and offline, students will develop their growing technology skills while having fun!

## Computer Science – Grade 5

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**Length:** Year

**Course Code:** 5002020

Join the Viking Robots of Datanorse on their quest to discover their past! In this course, students will journey deeper into cyberspace as they learn the impact of social media, what makes a computer tick, how to share data with Microsoft Excel Online, and more. Through fun games and videos, students will practice coding and focus on typing accuracy and speed. With the help of Riyaz, the Social Media guide, they'll also share what they've learned by creating their own PowerPoint presentation.

## Physical Education (P.E.) – Kindergarten

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**Length:** Year

**Course Code:** 5015020

**Prerequisite:** Must be age 5 on or before September 1 of the current school year

On your mark, get set, move! Follow Frank, Miriam, and Ziggy the dog, as they guide students in ways to live a healthy lifestyle. Learn how to throw, catch, kick, strike, dance, swim, and do basic gymnastics while playing fun games, exciting drills, and completing a variety of moderate and vigorous activities. As students progress through the course, they'll get to do Banana Stretches, hydrate at Hydration Station, read storybooks, and challenge themselves to fitness fun.

## Physical Education (P.E.) – Grade 1

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**Length:** Year

**Course Code:** 5015030

**Prerequisite:** Must be age 6 on or before September 1 of the current school year

Jump to your feet and pump up your heartbeat! Students gain locomotive tips by playing games like Walk, Run, Shuffle with Salvador; kick up those heels while learning cultural dances with Aiko; and design a lunch menu for the whole family. Whether learning athletic skills, gaining fitness resources, or working on strength and conditioning, this course gives students the tools they need to live a healthy lifestyle and hit 60 minutes of daily fitness. Ready, set, go!

## Physical Education (P.E.) – Grade 2

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**Length:** Year

**Course Code:** 5015040

It's time to commit to be fit. In this course, students learn how to throw, catch, kick, strike, dance, swim, and do basic gymnastics while hitting their 60 minutes of daily fitness. Tag along with Riley and Ralph as they hustle for the muscle, play games, dance the Itsy-Bitsy Spider, and stretch the Cooked Spaghetti. Packed full of physical activities, this course empowers students as they design an exercise circuit, create fitness goals, plan a healthy meal, and imagine the perfect teammate.

## Physical Education (P.E.) – Grade 3

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**Length:** Year

**Course Code:** 5015050

Get fit, feel great! In this course, students get physical while having fun on the journey to becoming fit and staying safe. Join Maya and Kyle as they learn about healthy bodies, throwing and catching, dancing, and how to do it all while having a blast. Games like Guess That Sketch and activities like Heart Beat the Clock will keep students engaged and active for 60 minutes per day.

## Physical Education (P.E.) – Grade 4

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**Length:** Year

**Course Code:** 5015060

Pump it up! Throughout this course, students will develop skills in how to throw, catch, kick, strike, dance, swim, and do basic gymnastics. Follow Gene and Ava to learn stretches, develop workout plans, gain sportsmanship, and create manageable fitness goals. Students will lift more, stretch farther, and get their heart racing faster to feel the burn as they hit 60 minutes a day of fitness.

## Physical Education (P.E.) – Grade 5

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**Length:** Year

**Course Code:** 5015070

Turn up the intensity! Dive into this course and learn how to throw, catch, kick, strike, dance, swim, and do basic gymnastics. Amp up the cardio with Kristen and gain tips on a healthy diet with Henry. Develop teamwork and sportsmanship while striving for 60 minutes of daily activity. Using videos and demonstrations, students will discover ways to jump-start their fitness through drills, games, and activities to meet their goals and improve their skills.



## Specials continued

Florida Virtual School offers a suite of Elementary Spanish courses. For students enrolled in individual courses, these courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country.

### Spanish – Introductory

**Length:** Year

**Course Code:** 5007020

Join Juanito and Rosalinda on a trip to explore the sights, sounds, and traditions of Mexico. In this course, students will be introduced to the Spanish language and culture through vocabulary, songs, stories, videos, and more. Along the journey, students will meet the famous Mexican artist Frida Kahlo and learn the story of Araña Pequeñita. They will also record and listen to themselves speaking new words in Spanish.

### Spanish – Level 1

**Length:** Year

**Course Code:** 5007020

**Prerequisite:** Spanish - Introductory

Get ready for an adventure! In this course, students will travel through Spain with Carmen and Mateo to experience the culture and traditions of this beautiful country. Students will continue to build their Spanish speaking and listening skills with new vocabulary, songs, and stories, and even play a Dominoes game!

### Spanish – Level 2

**Length:** Year

**Course Code:** 5007020

**Prerequisite:** Spanish - Level 1

The global tour continues! This course takes students on a trip through the scenic country of Peru, where they will learn vowel and letter sounds. Students will join Martín and María as they explore Machu Picchu and learn about the Peruvian culture with an authentic recipe for chocolate caliente.

### Spanish – Level 3

**Length:** Year

**Course Code:** 5007020

**Prerequisite:** Spanish - Level 2

It's island time! Daniela and Santiago guide students on a tour through the colorful culture and traditions of the Caribbean. Students will build on their previous Spanish language skills by learning how to ask and answer questions. Along the way, students will visit the El Yunque Rainforest and learn how to dance the merengue!

### Spanish – Level 4

**Length:** Year

**Course Code:** 5007020

**Prerequisite:** Spanish - Level 3

Pack your bags—you're going to Argentina! In this course, students will experience the culture and traditions of this unique country alongside Mercedes and Armando. Students will continue to build their Spanish vocabulary, learn about verb conjugations, and use adjectives. Along the way, students will visit interesting places throughout Argentina such as Patagonia and the beautiful waterfalls, Las Cataratas del Iguazú.

### Spanish – Level 5

**Length:** Year

**Course Code:** 5007020

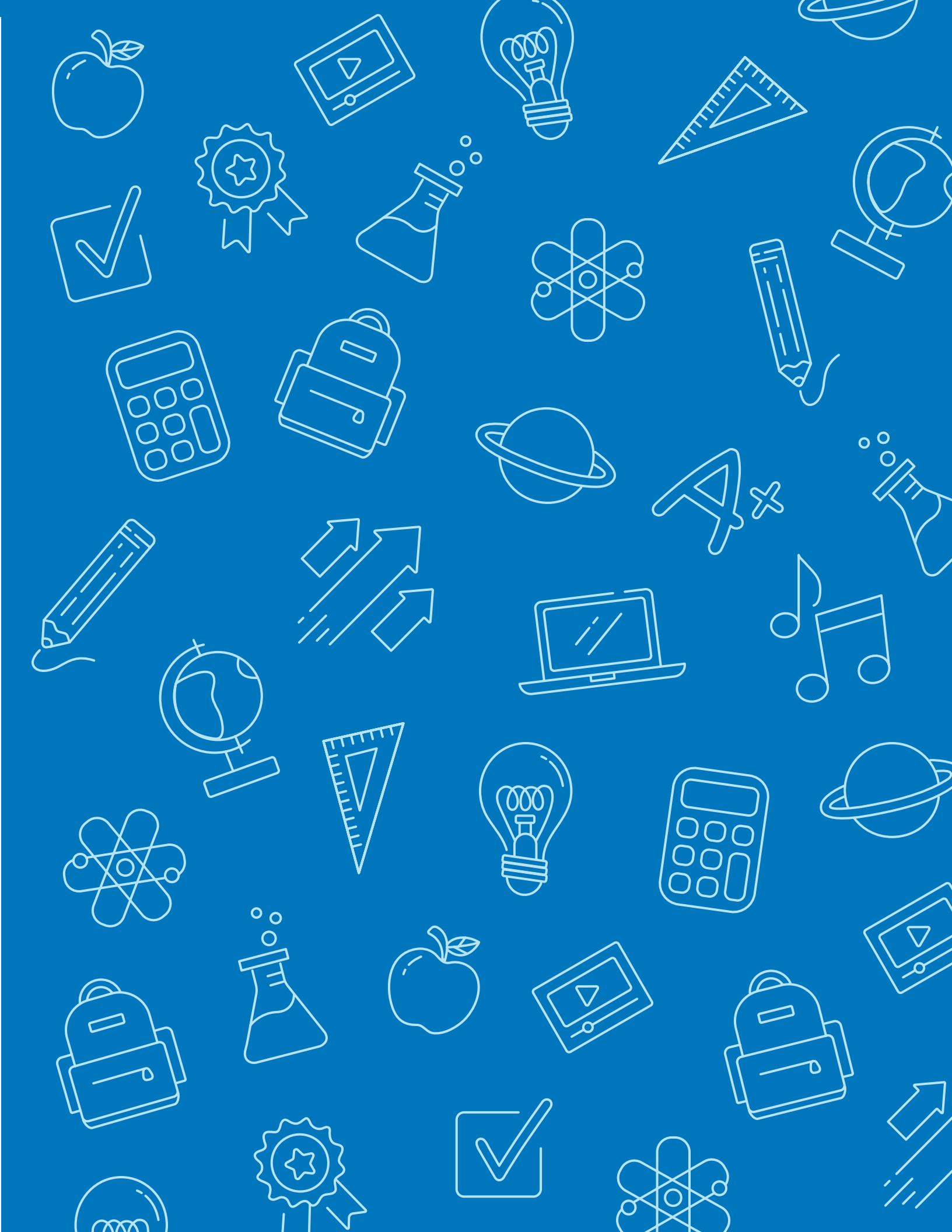
**Prerequisite:** Spanish - Level 4

Costa Rica, here we come! Join Paula and Carlos on a tour through the beautiful culture and lush rainforests of Central America. With an emphasis on using mostly Spanish, this course will help increase students' language skills. In addition, students will learn about greetings in different Spanish-speaking countries, practice writing in Spanish with a typing activity, and continue to practice their speaking and listening skills.

View the most current listing of elementary courses and enroll:



[flvs.net/courses](https://flvs.net/courses)





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