



## FLVS-Hosted Course List Titles and Descriptions

### **Core Courses- Middle School by Grade**

#### **6<sup>th</sup> Grade**

##### **Middle School Grade 6 Mathematics**

The course is designed to engage students at every turn. Students have the opportunity to demonstrate their knowledge of number manipulation by applying it to real world scenarios. The course is packed with games that reinforce content and let students practice the skills they have learned throughout the course. Tidbits of trivia and activities throughout the course leave students with a smile.

**Pre-Requisites:** Recommended for 6th grade

**Credits:** 1.0

##### **Middle School Comprehensive Science I**

Comprehensive Science I is the first in a series of three consecutive science classes. This course provides an introduction to Science, Energy, Force, Weather, Climate, The Earth's Systems, and the Living World. Some topics are explored in depth while others are introduced to serve as building blocks for Comprehensive Science II and III. During this course, students will explore science through every day examples and experiences. Students will participate in activities and online laboratory experiences to apply what they have learned.

**Pre-Requisites:**

**Credits:** 1.0

##### **Middle School World History**

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



contributions to what we know and who we are.

**Pre-Requisites:** Recommended for 6th grade

**Credits:** 1.0

### **Middle School Language Arts I**

Using a motif of Heroes, Helpers, and Hope, students in the Middle School Language Arts I course will acquire the reading, writing, language, and speaking/listening skills necessary for success in college, career, and beyond. Students will become critical readers and thinkers as they delve into fiction and informational texts within the course. They will also learn to effectively write narrative, informational, and argumentative pieces and present their ideas clearly and cohesively.

**Pre-Requisites:** This course is recommended for 6th grade.

**Credits:** 1.0

### **Middle School Fitness - Grade 6**

Students who want to be fit but don't know where to start are invited to join a diverse group of virtual classmates who help with exploring and understanding fitness and health. With the support of these virtual friends, students determine current personal fitness levels and learn to improve those levels. Students also learn safety rules for exercise, how to create equipment from household items, how different activities target different body parts, how to set and reach a goal, and how to be good sports. Students keep a log of physical fitness activities while exploring topics that include diversity in sports, nutrition, peer pressure, and making good choices. Coach Cardio help measure growing fitness levels while students complete their projects. Each PE project leads to improved student understanding of personal skills and the environments in which activities are played.

**Pre-Requisites:**

**Credits:** 0.5

## **7<sup>th</sup> Grade**

### **Middle School Grade 7 Mathematics**

This course is designed to expand student knowledge about the transformation of shapes by sliding, flipping, rotating, and enlarging them on a coordinate plane. This course gives students the opportunity to create, investigate, and demonstrate knowledge at both intermediate and advanced



levels. Students will be amazed with the skills that they accumulate while completing this course. This course is so full of animations, applications, videos, games, and real-world scenarios, students may think it is the latest video game.

**Pre-Requisites:** Recommended for 7th grade

**Credits:** 1.0

### **Middle School Comprehensive Science II**

Comprehensive Science II is the second course in the Middle School Comprehensive Science Sequence. In this course students explore: The Foundations of Science, Energy, The Earth and its features, The Earth's internal and external structures and how they change, The Earth's history, Living things and how they change and interact, Genetics and Heredity, and The Organization of the living world. Some of these topics are introduced and serve as a foundation for Comprehensive Science Three and others are discussed in detail. Students will learn through real world examples and virtually visit 6 different continents to see science in action all over the world. Students will participate in activities and online laboratory experiences to apply what they have learned.

**Pre-Requisites:** Middle School Comprehensive Science I

**Credits:** 1.0

### **Middle School United States History**

Learning about history allows people to see how far we have come and what awaits us on our path to the future. In this course, students will explore the history of the United States and analyze the cause and effect in historical events. They will investigate history by using the tools of a historian to examine the historical, geographic, political, economic, and sociological events that influenced the development of the United States. Students will imagine what it was like to live in the past by reading the stories from the people who experienced it. This course begins with the engaging stories of what brought the earliest American colonists to the New World and ends with the struggles to repair the United States following the Civil War. Engaging in this study allows students to recognize the themes of history that span across centuries and leads to a greater appreciation of the development of the United States and the resulting impact on world history.

**Pre-Requisites:** This course is recommended for students in 8th grade. There are no prerequisites for the course.

**Credits:** 1.0

### **Middle School Language Arts II**



Using a motif of Mystery, Monsters, and Mayhem, students in the Middle School Language Arts II course will acquire the reading, writing, language, and speaking/listening skills necessary for success in college, career, and beyond. Students will become critical readers and thinkers as they delve into fiction and informational texts within the course. They will also learn to effectively write narrative, informational, and argumentative pieces and present their ideas clearly and cohesively.

**Pre-Requisites:**

**Credits:** 1.0

### **Middle School Comprehensive PE 6/7**

Each community is full of fitness opportunities that enable students to achieve new levels of fitness through sports, dance, aquatics, and more! 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 each student's 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 student learning and participation. Activity choices are plentiful, leading to a healthy and physically active lifestyle. The Presidential Fitness Challenge encourages students to perform their best with a chance to earn the Presidential Fitness award. Students keep a log of physical fitness activities while they explore topics such as diversity in sports, nutrition, peer pressure, and making good choices. A few PE projects deepen students' understanding of individual health and skill-related fitness, and the world as it relates to games and sports. Students choose various activities to reach goals they may have only dreamed about!

**Pre-Requisites:**

**Credits:** 0.5

## **8<sup>th</sup> Grade**

### **Pre-Algebra**

Students who love interactive learning will enjoy Pre-Algebra. They experience intrigue and fun when they log in to Pre-Algebra. This hands-on course is full of slideshows, applications, videos, and real-world scenarios. The satisfaction students gain from truly understanding higher level concepts such as functions and systems of equations encourages excitement and joy for learning that they may have never experienced before.

**Pre-Requisites:** Recommended for 8th grade

**Credits:** 1.0



### **Middle School Comprehensive Science III**

Comprehensive Science 3 is the last class of the M/J Comprehensive Series. The course introduces new information and reviews some basics of science to prepare students for high school science coursework. Topics covered in this course include: The Nature of Science, Earth and Space Science, Properties of Matter, Changes in Matter, Matter and Energy, and Energy flow in the living world. During this course, students will learn through real world examples and applications. Students will participate in activities and online laboratory experiences to apply what they have learned.

**Pre-Requisites:**

**Credits:** 1.0

### **Middle School Louisiana State History (outside vendor)**

### **Middle School Language Arts III**

Using a motif of Innovation, Imagination, and Invention, students in the Middle School Language Arts III course will acquire the reading, writing, language, and speaking/listening skills necessary for success in college, career, and beyond. Students will become critical readers and thinkers as they delve into fiction and informational texts within the course. They will also learn to effectively write narrative, informational, and argumentative pieces and present their ideas clearly and cohesively.

**Pre-Requisites:**

**Credits:** 1.0

### **Middle School Comprehensive PE 7/8**

Team sports, extreme sports, and outdoor sports are among the types of activities students learn about and participate in during this course! This interactive, highly animated course helps students 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. Students have the opportunity to earn a national award by participating in the Presidential Fitness Challenge. Practicing game strategy to improve the chance of winning in competition, improving sport skill and performance, diversity in sports, nutrition, peer pressure, and making good choices balance out the topics students discover in this course. Fitness logs help students monitor physical activities. Students complete projects that lead to the knowledge, skills, and values they need to implement and maintain a physically active lifestyle.

**Pre-Requisites:**

**Credits:** 0.5



## **Misc. Courses & Electives - Middle School**

### **Middle School Spanish Beginning**

In this course, students take a virtual tour of Spain. Of course, the visit will be more enjoyable if the students know what the people around them are saying. No need to worry—this course provides basic vocabulary, keeps students from getting lost, and helps them make some new Spanish friends.

Students learn to ask for directions, order food in a restaurant, and talk about the weather, all without being embarrassed by their accents. New words and phrases are introduced with text, pictures, and audio clips that demonstrate proper pronunciation. Students acquire skills to read, write, and speak basic Spanish. Students also learn the basic Spanish grammar that will make their sentences come out right. Don't leave home without MJ Spanish Beginning. This course gives students the ability to enjoy their trip to Spain and to soak up some of the local culture during their virtual tour.

**Pre-Requisites:**

**Credits:** 1.0

### **Middle School Spanish Intermediate**

For this course, our student traveler, Cristina, will be taking you on a journey to Spain, Puerto Rico, Colombia, and Argentina. She will share her experiences with you as she learns about the different cultures of each of these Spanish speaking countries. As you explore each country with Cristina, you will learn how to speak Spanish in many practical and useful situations that will apply to your everyday environment. You will learn how to greet people, introduce yourself, speak about your family, your home, food, sports, weather and your likes and dislikes. New words and phrases will be introduced with pictures, audio clips, videos, and examples. You will learn basic Spanish grammar to help you form sentences correctly, build your fluency, and provide you with a more thorough understanding of the Spanish language. There will be many opportunities to practice what you learn through interactive activities in the form of games and written, listening, and speaking exercises. Learning about other cultures and appreciating their differences is also an important part of this course. You will learn about foods, shopping patterns, meal times, music, homes, and celebrations in different Spanish speaking countries. As you explore with Cristina, you will begin to appreciate and understand the diversity of the Spanish speaking world. Enjoy your journey with Cristina and share your experiences and everything you learn with your family and friends!

**Pre-Requisites:**

**Credits:** 1.0



### **Middle School Career Exploration**

What career are you best suited for? In this course, students will explore career options in many different fields including business, health science, public administration, the arts, and information technology.

**Pre-Requisites:**

**Credits:** 1.0

### **Middle School Critical Thinking, Problem Solving & Learning Strategies**

The purpose of this course is to enable students to develop learning strategies, critical-thinking skills, and problem-solving skills to enhance their performance in academic and nonacademic endeavors.

**Pre-Requisites:**

**Credits:** 1.0

### **Middle School Orientation to Art 2D**

Where do super heroes come from? They live in the action-filled pages of comic books. Who gives them their super powers? It's the creative artist who puts energy and excitement into every drawing. You too can create your own super heroes, and discover the power you hold in your pencil. Using the tools, tricks and techniques of professional artists, you will create people and objects that leap off the page. You will start with your sketchbook, and put down your ideas and impressions. You will develop those ideas by using lines, colors, composition and perspective. You will finish with a collection of original artwork that tells the story your way. In this course you will experience the creative processes used by all artists. You will learn how to analyze, interpret and evaluate art. But most of all, you will have a portfolio of work that demonstrates your own skill and creativity as an artist. Students will need access to a scanner or a digital camera for submitting work for this course. In addition, students will need to use some basic art supplies. This course does not meet the criteria for a High School Course and is available for Middle School only.

**Pre-Requisites:**

**Credits:** 0.5



### **Middle School Reading I**

From Florida to Alaska, there will be lots of things to see. In this course, you and your teammates will travel across the country to compete in local soccer tournaments. While not on the soccer field, you'll have plenty of time to read and write about the exciting things you encountered. In this course, there will be stories to read, videos to watch, and activities to enjoy. There will be fiction, nonfiction and even some poetry. There will be new vocabulary to learn, and story maps to fill out. The goal is to enhance your skills as an active reader, and give you strategies for understanding what happens in the stories you read. With a good book, you can go anywhere. The better you can read, the farther you can go. Get on board the team bus and find out for yourself.

**Pre-Requisites:** Recommended for Grade 6

**Credits:** 1.0

### **Middle School Civics**

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

**Pre-Requisites:** This course is recommended for students in 7th grade. There are no prerequisites for the Civics course.

**Credits:** 1.0