



Middle School Core Courses

MIDDLE SCHOOL: 6 Grade

Middle School Math 6

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.

Prerequisites: Recommended for 6th grade

Middle School Science 6

Middle School Science 6 aligns itself with the next generation science standards laid out by the Louisiana Department of Education. These standards track the following major domains:

- Physical Science (PS)
- Life Science (LS)
- Earth and Space Science (ESS)
- Environmental Science (EVS)
- Engineering, Technology and Applications of Science (ETS)

As they encounter each of the above standards, our Middle School students will practice 3-Dimensional learning, an approach designed to encourage students to actively engage with the material and apply it in real world contexts. At UVA we ask our students not only to learn about science, but also to “do” science by applying core concepts across domains to solve real problems using scientifically rigorous methods.

Prerequisites: Recommended for 6th grade

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 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 its contributions to medicine, moving on to Africa to follow the rise and fall of the ancient east African kingdoms of Kush and Axum. Throughout the centuries, and still today, our world is made up of dozens of different cultures. They all are different, and they all have made big contributions to what we know and who we are.

Prerequisites: Recommended for 6th grade

Middle School Language Arts 6

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 literary pieces and present their ideas clearly and cohesively.

Prerequisites: This course is recommended for 6th grade.

Middle School PE 6

All Middle School Students will have a grade-level introduction to activities and instruction which promotes movement, motor skills, healthy lifestyle, life-long health, and positive behavior. An activity tracker is central to these grade-level courses. Among other skills, students in PE 6 will learn how to determine their current personal fitness level and how to improve it. Students will also learn safety rules for exercise, how different activities target different body parts, and how to set and reach a goal.

Prerequisites:

MIDDLE SCHOOL: 7 Grade

Middle School Math 7

This course is designed to give students the opportunity to create, investigate, and demonstrate math knowledge at both intermediate and advance levels. Students will be amazed with the skills that they accumulate while completing this course. Among other skills, students will become proficient with operations with rational numbers, equations, expressions, and inequalities, ratio and proportional reasoning, and statistics and probability. This course is full of animations, applications, videos, games, and real-world scenarios.

Prerequisites: Middle School Math 6

Middle School Science 7

Middle School Science 7 aligns itself with the next generation science standards laid out by the Louisiana Department of Education. These standards track the following major

domains:

- Physical Science (PS)
- Life Science (LS)
- Earth and Space Science (ESS)
- Environmental Science (EVS)
- Engineering, Technology and Applications of Science (ETS)

As they encounter each of the above standards, our Middle School students will practice 3-Dimensional learning, an approach designed to encourage students to actively engage with the material and apply it in real world contexts. At UVA we ask our students not only to learn about science, but also to “do” science by applying core concepts across domains to solve real problems using scientifically rigorous methods.

Prerequisites: Middle School Science 6

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.

Prerequisites: Recommended for students in 7th grade.

Middle School Language Arts 7

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 literary pieces and present their ideas clearly and cohesively.

Prerequisites: Recommended for 7th grade

Middle School PE 7

All Middle School Students will have a grade-level introduction to activities and instruction which promotes movement, motor skills, healthy lifestyle, life-long health, and positive behavior. An activity tracker is central to these grade-level courses. Among other skills, students in PE 7 will learn how to determine their current personal fitness level and how to improve it. Students will also learn safety rules for exercise, how different activities target different body parts, and how to set and reach a goal.

Prerequisites: Recommended for 7th grade

MIDDLE SCHOOL: 8 Grade

Pre-Algebra

Students who love interactive learning will enjoy 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.

Prerequisites: Middle School Math 7

Middle School Science 8

Middle School Science 8 aligns itself with the next generation science standards laid out by the Louisiana Department of Education. These standards track the following major domains:

- Physical Science (PS)
- Life Science (LS)
- Earth and Space Science (ESS)
- Environmental Science (EVS)
- Engineering, Technology and Applications of Science (ETS)

As they encounter each of the above standards, our Middle School students will practice 3-Dimensional learning, an approach designed to encourage students to actively engage with the material and apply it in real world contexts. At UVA we ask our students not only to learn about science, but also to “do” science by applying core concepts across domains to solve real problems using scientifically rigorous methods.

Prerequisites: Middle School Math 7

Middle School Louisiana State History

In this class students explore Louisiana history and its peoples, their development and connection to the United States and world events. Students analyze how the contributions of key events, ideas, and people influenced the development of modern Louisiana, as well as its geography and the unique cultures which rose in relation to these geographical features. Students examine the foundation, structure, and purposes of Louisiana government and the correlations between local, state, and federal governments especially as it impacts civil rights. Louisiana’s unique French and Spanish colonization, the Louisiana purchase, the impact of the Civil War and other key events will be explored in relation to modern-day activities and decisions. Students examine the rights and responsibilities of Louisiana citizens that enable them to become informed participants in civic life. Students analyze Louisiana’s natural, human, and capital resources and their connection to the past and present economy. Students interpret the role of Louisiana in a global society.

Prerequisites: Recommended for students in 8th grade.

Middle School Language Arts 8

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 literary pieces and present their ideas clearly and cohesively.

Prerequisites: Recommended for students in 8th grade

Middle School PE 8

All Middle School Students will have a grade-level introduction to activities and instruction which promotes movement, motor skills, healthy lifestyle, life-long health, and positive behavior. An activity tracker is central to these grade-level courses. Among other skills, students in PE 8 will learn how to determine their current personal fitness level and how to improve it. Students will also learn safety rules for exercise, how different activities target different body parts, and how to set and reach a goal.

Prerequisites: Recommended for students in 8th grade

MIDDLE SCHOOL ELECTIVES

Keyboarding

This course is designed to familiarize students with the standard keyboard configuration and its corresponding recommended finger positions. Once basic knowledge of key positions has been mastered, students will be given ample graduated practice, allowing them to improve their typing fluency, speed, and accuracy.

Prerequisites: Recommended for 6th grade

Credits: 1 High School credit

Estimated Completion Time: 2 semesters

Health

This course is designed to expose students to a broad range of issues and information relating to the various aspects of personal health, which include the physical, social, emotional, intellectual, and environmental aspects.

Prerequisites: Recommended for 7th grade

Credits: 0.5 High School credits

Estimated Completion Time: 1 semester

Middle School Career Awareness

This course will empower students to take an active role in planning their academic and career experiences. We will focus on basic career readiness topics such as: the work place, setting goals, and job skills.

Prerequisites: Recommended for 8th grade

Credits: 1 High School Credit

Estimated Completion Time: 2 semesters

Middle School Art

This course is designed to provide students with basic instruction on how to develop increasingly sophisticated creative strategies, skills, and habits of mind through artistic practices, giving them the opportunity to apply design literacy to a wide variety of traditional and new media while acquiring increasingly complex procedural knowledge, skill and craftsmanship.

Prerequisites: Recommended for 6th, 7th, or 8th grade

Spanish I

Learn basic Spanish grammar to help build your fluency and understanding, and apply what you learn through interactive games, written practice, listening, and speaking exercises.

Prerequisites: Qualifying LEAP ELA score

Credits: 1 High School Credit

Estimated Completion Time: 2 semesters

Spanish II

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.

Pre-Requisites: Spanish I

Credits: 1 High School Credit

Estimated Completion Time: 2 Semesters

French I

Learn basic French grammar to help build your fluency and understanding, and apply what you learn through interactive games, written practice, and listening and speaking exercises.

Prerequisites: Qualifying LEAP ELA score

Credits: 1 High School Credit

Estimated Completion Time: 1 Semester

French II

Strengthen your French listening, speaking, reading, and writing skills with engaging and interactive videos, dialogs, presentations, self-checks, and much more.

Pre-Requisites: French I

Credits: 1 High School Credit

Estimated Completion Time: 1 Semester