

***Co-op offers both semester A & B for each Core Courses.
Courses include Language Arts, Math Science, Social Studies,
Health & Fitness & Electives.***

LANGUAGE ARTS

English 6 A/B

Common Core Alignment: Built for Common Core

Course Grade Level: Middle, Secondary

This course provides a strong foundation in grammar and the writing process. It emphasizes simple but useful composition and language mechanics strategies with multiple opportunities for modeling practical, real-world writing situations that will enable students to improve their written communication skills quickly. Through a variety of grade-appropriate reading selections, students develop a clear understanding of key literary genres and their distinguishing characteristics.

English 7 A/B

Common Core Alignment: Built for Common Core

Course Grade Level: Middle, Secondary

English 7 Integrates the study of writing and literature through the examination of a variety of genres. Students identify the elements of composition in the reading selections to understand their function and effect on the reader. Practice is provided in narrative and expository writing. Topics include comparison and contrast, persuasion, and cause and effect essays, as well as descriptive and figurative language. Lessons are supplemented with vocabulary development, grammar, and syntax exercises, along with an introduction to verbal phrases and research tools.

English 8 A/B

Common Core Alignment: Built for Common Core

Course Grade Level: Middle, Secondary

Extends the skills developed in English 7 through detailed study of parts of sentences and paragraphs to understand their importance to good writing. Students also acquire study skills such as time management and improved test-taking strategies. Other topics include punctuation, word choice, syntax, varying of sentence structure, subordination and coordination, detail and elaboration, effective use of reference materials, and proofreading.

MATH

Math 6 A/B

Common Core Alignment: Built for Common Core

Course Grade Level: Elementary, Middle

This semester-long middle school course will provide students with a deep understanding and mastery of the objectives that will prepare them for algebra. It is aligned to Common Core State Standards, and is based on best practices in the teaching of mathematics and the disciplines of STEM learning. Students will develop 21st century skills as they master ratios and proportional relationships; the number system; and number visualization. The course is highly engaging while being easy for teachers to customize and manage.

Math 7 A/B

Common Core Alignment: Built for Common Core

Course Grade Level: Middle

Math 7 builds on material learned in earlier grades, including fractions, decimals, and percentages and introduces students to concepts they will continue to use throughout their study of mathematics. Among these are surface area, volume, and probability. Real-world applications facilitate understanding, and students are provided multiple opportunities to master these skills through practice problems within lessons, homework drills, and graded assignments.

Math 8 A/B

Common Core Alignment: Built for Common Core

Course Grade Level: Middle, Secondary

This course is designed to enable all students at the middle school level to develop a deep understanding of math objectives and leaves students ready for algebra. The first semester covers objectives in transformations, linear equations, systems of equations, and functions. The second semester focuses on scientific notation, roots, the Pythagorean Theorem and volume, and statistics and probability. The course is based on the Common Core State Standards Initiative and on a modern understanding of student learning in mathematics.

Algebra 1 A/B

Common Core Alignment: Built for Common Core

Course Grade Level: Secondary

Not Available.

Consumer Mathematics

Common Core Alignment: Aligned to Common Core

Course Grade Level: Secondary

This course explains how four basic mathematical operations – addition, subtraction, multiplication, and division – can be used to solve real-life problems. It addresses practical applications for math, such as wages, taxes, money management, and interest and credit. Projects for the Real World activities are included that promote cross-curricular learning and higher-order thinking and problem-solving skills.

Geometry A/B

Common Core Alignment: Built for Common Core

Course Grade Level: Middle and Secondary

A comprehensive examination of geometric concepts, each lesson provides thorough explanations and builds on prior lessons. Step-by-step instruction and multiple opportunities for self-check practice develop skills and confidence in students as they progress through the course. The course features animations, which allow students to manipulate angles or create shapes, such as triangles, engage students in learning and enhance mastery. Labs extend comprehension by giving students hand-on experiences.

SCIENCE

Science 6 A/B

Common Core Alignment: Aligned to NGSS

Course Grade Level: Middle

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with a sixth-grade integrated science course (NGSS Appendix K: Modified Conceptual Progression Model, p. 19), focusing on basic physical science, Earth and space science, and ecosystems. Content topics include structure and properties of matter, forces and motion, the Earth and space, the history of the Earth, the interdependence of ecosystems, and weather and climate.

Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3).

Lab materials note: All hands-on labs employ relatively-common household materials. Please refer to the Student Syllabus or Teacher’s Guide for details on lab materials.

Science 7 A/B

Common Core Alignment: Aligned to NGSS

Course Grade Level: Middle

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with a seventh-grade integrated science course (NGSS Appendix K: Modified Conceptual Progression Model, p. 19), focusing on cells, the life cycle, nutrition, chemical reactions, force fields, and energy. Content topics include cells and human body systems, the life cycle, nutrition and energy, chemical reactions, force fields, and energy.

Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of

student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3).

Lab materials note: All hands-on labs employ relatively-common household materials. Please refer to the Student Syllabus or Teacher’s Guide for details on lab materials.

Science 8 A/B

Common Core Alignment: Aligned to NGSS

Course Grade Level: Middle

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with an eighth-grade integrated science course (NGSS Appendix K: Modified Conceptual Progression Model, p. 19). Content topics include genes and adaptations, evolution, energy and the Earth, the Earth’s changing climate, waves, and technology and human impacts on the Earth.

Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3).

Lab materials note: All hands-on labs employ relatively-common household materials. Please refer to the Student Syllabus or Teacher’s Guide for details on lab materials.

Earth and Space Science A/B

Common Core Alignment: Aligned to NGSS

Course Grade Level: Middle

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with middle school Earth and space science. Content topics include Earth and space systems and interactions, the history of the Earth, the Earth’s systems, weather and climate, climate change, and human impacts on the Earth.

Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3).

Lab materials note: All hands-on labs employ relatively-common household materials. Please refer to the Student Syllabus or Teacher’s Guide for details on lab materials.

Life Science A/B

Common Core Alignment: Aligned to NGSS

Course Grade Level: Middle

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with middle school life science. Content topics include cells and human body systems, structure and functions of living organisms, genes and adaptations, evolution, energy flow in ecosystems, and interdependence of ecosystems.

Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3).

Lab materials note: All hands-on labs employ relatively-common household materials. Please refer to the Student Syllabus or Teacher’s Guide for details on lab materials.

[Physical Science A/B](#)

Common Core Alignment: Aligned to NGSS

Course Grade Level: Middle

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with middle school physical science. Content topics include structure and properties of matter, chemical reactions, forces and motion, force fields, energy, and waves. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3).

Lab materials note: All hands-on labs employ relatively-common household materials. Please refer to the Student Syllabus or Teacher’s Guide for details on lab materials.

SOCIAL STUDIES

[Civics A/B](#)

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Middle, Secondary

Interactive, problem-centered, and inquiry-based, each unit in Civics emphasizes the acquisition, mastery, and processing of information. Every unit features both factual and conceptual study questions, Instructional strategies include Socratic instruction, student-centered learning, and experiential learning. Topics covered range from Basic Concepts of Power and Authority and National Institutions of Government to analyses of society and citizenship.

[Middle School US History A/B](#)

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Middle, Secondary

In Middle School U.S. History, learners will explore historical American events with the help of innovative videos, timelines, and interactive maps and images. The course covers colonial America through the Reconstruction period. Learners will develop historical thinking and geography skills, which they will use throughout the course to heighten their understanding of the material. Specific topics of study include the U.S. Constitution, the administrations of George Washington and John Adams, the War of 1812, and the Civil War.

[Middle School World History A/B](#)

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Middle, Secondary

In Middle School World History, learners will study major historical world events from early human societies through to the present day. Multimedia tools including custom videos as well as videos from the BBC, custom maps, and interactive timelines will help engage learners as they complete this year-long course. They will explore the development of early humans and early civilizations. They will be introduced to the origins of major world religions, such as Hinduism and Buddhism. Also, learners will study the medieval period. Historical thinking and geography skills will be taught and utilized throughout the course.

HEALTH & FITNESS

Middle School Health

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Middle, Secondary

Middle School Health aids students in creating a foundation of personal health. Beginning with properly defining health, this course then builds upon basic health practices to emphasize the importance of balance. Attention is given to each of the six dimensions of wellness; namely, physical, intellectual, emotional, spiritual, social, and environmental. Students are taught the skills necessary to improve every aspect of health. They are also encouraged to reflect upon their own personal wellness each week.

WORLD LANGUAGE

Spanish 1 A/B

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Middle, Secondary

Spanish is the most spoken non-English language in U.S. homes, even among non-Hispanics, according to the Pew Research Center. There are overwhelming cultural, economic, and demographic reasons for students to achieve mastery of Spanish. Spanish 1A and B engage students and use a variety of activities to ensure student engagement and to promote personalized learning. These courses can be delivered completely online, or implemented as blended courses, according to the unique needs of the teacher and the students.

ELECTIVES

Academic Success

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Secondary

As in other areas of life, success in academics results from learning and practicing positive habits. This one-semester elective provides practical, hands-on guidance on developing and improving study habits and skills, regardless of a student's level of accomplishment. Academic Success includes five lessons and two course activities in a flexible structure that is adaptable to the needs and circumstances of individual students. The course can also be used for college-level developmental education.

Essential Career Skills

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Secondary

As in other areas of life, success in academics results from learning and practicing positive habits. This one-semester elective provides practical, hands-on guidance on developing and improving study habits and skills, regardless of a student's level of accomplishment. Academic Success includes five lessons and two course activities in a flexible structure that is adaptable to the needs and circumstances of individual students. The course can also be used for college-level developmental education.

Electronic Communication Skills

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Secondary

As in other areas of life, success in academics results from learning and practicing positive habits. This one-semester elective provides practical, hands-on guidance on developing and improving study habits and skills, regardless of a student's level of accomplishment. Academic Success includes five lessons and two course activities in a flexible structure that is adaptable to the needs and circumstances of individual students. The course can also be used for college-level developmental education.

Career Explorations

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Middle, Secondary

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.

Middle School Health

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Middle

Middle School Health aids students in creating a foundation of personal health. Beginning with properly defining health, this course then builds upon basic health practices to emphasize the importance of balance. Attention is given to each of the six dimensions of wellness; namely, physical, intellectual, emotional, spiritual, social, and environmental. Students are taught the skills necessary to improve every aspect of health. They are also encouraged to reflect upon their own personal wellness each week.

Middle School Journalism

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Middle, Secondary

Who? What? When? Where? Journalism provides us with the answers to these questions for the events that affect our lives. In this course, students will learn how to gather information, organize ideas, format stories for different forms of news media, and edit their stories for publication. The course will also examine the historical development of journalism and the role of journalism in society.

Middle School Photography: Drawing with Light

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Middle, Secondary

"A picture is worth a thousand words." Photographs play an important role in our world today. We photograph to preserve memories, document events, and create artistic works. This course introduces students to the basics of photography, including camera functions and photo composition. Students will learn what it takes to create a good photograph and how to improve photographs of animals, people, and vacations. They will also begin working with their photographs using photo-editing software. Through a variety of assigned projects, students will engage their creativity by photographing a range of subjects and learning to see the world through the lens of their cameras.

Principles of Arts, Audio/Video Technology, and Communications A/B

Common Core Alignment: Not Aligned to Common Core

Course Grade Level: Middle, Secondary

This course appeals to your students' familiarity with a variety of sensory inputs and stimulus. With an emphasis on visual arts, the 14 lessons introduce learners to careers in design, photography, performing arts, fashion, and journalism, among others. This engaging course covers inherently engaging topics that will stimulate your students as they consider careers in which the arts, technology, and communications intersect.