

REQUIRED COURSES

057435 **English Language Arts 7**

Grade(s): 07

Prerequisite: English Language Arts 6

Students learn to build habits and develop strategies that readers use on a daily basis to strengthen literal comprehension, interpretive, and analytical comprehension within the structure of a reading workshop.

Students experience reading units of study focused on reading analytically via author's study, nonfiction research across texts, historical fiction book clubs, and reading analytically. In our reading units of study students are engaged in the work of approaching texts as readers, writers, and researchers.

Students learn to build habits and develop strategies that proficient writers use on a daily basis to strengthen thinking and organization, development, mechanics, and conventions within the structure of a writing workshop.

Students experience writing units of study focused on realistic fiction, research based argument essays, informational writing and literary analysis. In our writing units of study, students are engaged in the work of approaching writing as writers, readers, and researchers as participants in a fluid and recursive writing process.

117034 **MATHEMATICS 7**

Grade: 07

Infinite Campus Name: Math 7

Prerequisite: Mathematics 6

Math 7 builds on the skills and concepts developed in Math 6 and centers on understanding and applying proportional relationships. Students will: study scale drawings; use scale drawings to begin understanding proportional relationships; apply proportional relationships to solving circumference and area of circles; use proportional relationships to solve problems; solve equations; write, solve and graph inequalities. The course ends with angles and geometry and data and statistical thinking. As students model and communicate mathematically, emphasis will be placed on perseverance in problem solving as well as abstract and quantitative reasoning.

118043 **Math 8**

Infinite Campus Name: MATH 8

Grade(s): 07 - 08

Prerequisite: Mathematics 7

Math 8 is designed to provide a foundation for the development of skills necessary for Algebra I. Students will: study rigid transformations and congruence; learn about similarity and dilations; explore slope with linear relationships; solve linear equations and systems of linear equations; what makes a relationship a function; volumes of cylinders, cones, and spheres; properties of exponents and scientific notation. Math 8 ends with the Pythagorean theorem as students encounter square roots, cube roots, and irrational numbers for the first time.

137033 Integrated Science Grade 7

Infinite Campus Name: INT SCIENCE7

Grade(s): 07

Prerequisite: None

Seventh grade science covers 6 units of study and develops students' understanding of Life, Physical and Earth science. Students work to understand the connections between sciences. Learning revolves around figuring out an intriguing phenomenon that is guided by a driving question. Students then generate questions, explanations, and ideas for investigations that motivate learning. Students work together and learn from each other as they ask questions, design investigations, and find solutions.

157033 Social Studies Grade 7 - World History: The Rise, Fall, and Legacy of Regional Civilizations

Infinite Campus Name: WORLD HIST 7

Grade(s): 07

Prerequisite: None

The Rise, Fall, and Legacy of Regional Civilizations: Students will dive into the Age of Empires to analyze the rise of new religions, intellectual achievements, and cultural masterpieces from regions around the world. Students will also explore unparalleled networks of economic and military might as well as new systems of government which fostered the growth of superpowers unlike any the world had seen before. Throughout the year students will explore the big idea of whether power is created, destroyed, or merely transferred.

087433 Seventh Grade Physical Education and Health (7)

Grade(s): 07

Prerequisite: None

In seventh grade, students meet daily for Physical Education and Health. Seventh grade physical education lessons continue to build upon the skills developed in sixth grade. Students participate in fitness activities (i.e. strength training, cardio-fitness), recreational/lifetime sports, team sports, dance, and outdoor adventure skills. Students learn the skills and tactics necessary for successful participation in these activities. Students are introduced to the biomechanics of movement (i.e. force, friction, center of gravity) and learn to apply these principles in a variety of movement settings. Students regularly participate in cardiovascular activities and utilize heart rate monitors to assess their participation level while collecting personal fitness data. Students also participate in a wide range of team building and adventure education activities which promote leadership skills. Health-related fitness concepts and benefits are stressed throughout the course. Students have approximately 135-145 days of physical education throughout the year. Health education lessons comprise approximately 30-35 days of the seventh grade Physical Education & Health course. Health education focuses on the study of violence prevention, substance education, nutrition, healthy relationships, human sexuality, and personal safety. Topics of discussion will include harassment and bullying, consumer food choices, cyber safety, family and friend relationships, and abstinence. Students will learn about the ten-building blocks for total health (i.e. accessing information, stress management, analyzing influences, refusal skills) and developmental assets which will be integrated throughout the health curriculum. Students participate in group discussions, individual projects/assignments, collaborative learning projects which help develop their knowledge and health skills. Through home assignments, students are also encouraged to dialogue with their parents to help identify personal and family values which may influence their choices. Peer Teaching is a special component of the seventh grade program which is an alcohol prevention program and is facilitated by trained high school Safe and Drug-free students.