

REQUIRED COURSES

056435 English Language Arts 6

Grade(s): 06

Prerequisite: 5th grade

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 character analysis, critical literacy via social issues book clubs, a study of nonfiction text complexity, and global studies. 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 personal narratives, literary essays, and research based information writing. 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.

For parents of 6th Grade students, You will make a choice between Mathematics 6 and Mathematics 6/7 on your Middle School Course Selection information form from your Middle School Registration. During the first semester of next year, we will monitor success. If we see your child is not making adequate progress in understanding and confidence of mathematical standards and problem solving, we will talk as a team to determine what supports are needed.

116033 Mathematics 6

Infinite Campus Name: MATH 6

Grade(s): 06

Prerequisite: Mathematics 5

Math 6 provides the foundation for middle school mathematics. Students will: reason mathematically with rates and ratios; extend understanding of number systems; write, interpret, and use expressions and equations; and develop understanding of statistical thinking. Students will also develop an understanding of the relationships among shapes to determine area, surface area, and volume. As students model with mathematics, emphasis will be placed on perseverance in problem solving as well as abstract and quantitative reasoning.

116113 Math 6/7

Infinite Campus Name: Math 6/7

Grade(s): 06

Prerequisite: Mathematics 5

Math 6/7* is a compacted course that merges both Math 6 and Math 7 curriculum into one course. Students will begin the year: using their knowledge of areas of triangles to reason areas of other shapes and calculate surface area; reason mathematically with ratios and rates; reason with multiple strategies for dividing fractions and decimals and apply it to calculations. Students will also learn strategies for solving equations; reasoning about equivalent equations; write, interpret, and use expressions and equations. As students learn the concepts of Math 6, students will also begin Math 7 concepts. 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.

136033 Integrated Science Grade 6

Infinite Campus Name: INT SCIENCE6

Grade(s): 06

Prerequisite: None

Sixth grade science covers 6 units of study and introduces students to concepts in 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.

156033 Social Studies Grade 6 - World Geography: Geography's Impact on the Development of Civilizations and the Contemporary World

Infinite Campus Name: WORLD GEO 6

Grade(s): 06

Prerequisite: None

Students will examine the impact of physical and human geography on the development of ancient and contemporary civilizations throughout regions of the world. Students will develop their spatial and historical thinking skills through the societal, political, geographical, cultural, and economic lenses throughout regions of the world. Students will explore the big idea of, "How where we live impacts how we live?".

Units of study open with an introduction to World Geography and History; students then travel through place and time linked to human migration. Sixth graders begin their study with Sub-Saharan Africa, then transition to Southwest Asia and North Africa, next to South, Southeast and East Asia, then to Australia and Oceania, and ending with The Americas.

086433 Sixth Grade Physical Education and Health (6)

Grade(s): 06

Prerequisite: None

In sixth grade, students meet daily for Physical Education and Health. Sixth grade physical education lessons continue to emphasize the development of physical fitness, movement principles, sport skills, and interpersonal skills. Students participate in a variety of fitness activities (i.e. strength training, cardio-fitness) and challenges which help develop cardio fitness, flexibility, and muscular strength/endurance. A variety of team and individual sport skills are taught using a tactical approach enabling students to combine their skill development with an awareness of tactical problems that arise during the course of a game. Students are also exposed to a wide range of team building and adventure education activities which promote problem-solving, communication and cooperation skills. Lessons often integrate discussions about health-related fitness components and training principles. Students have approximately 135-145 days of physical education throughout the year. Health education lessons comprise approximately 30-35 days of the sixth grade Physical Education & Health course. Health education focuses on the study of personal health, nutrition, disease prevention, healthy relationships, human sexuality, and safety/first aid. Students are introduced to the three domains of health and the ten health skills which are integrated throughout the sixth grade curriculum. Students participate in class discussions,

cooperative learning activities, web-based research, and student/parent dialogue assignments which help develop health literacy and help identify their personal values/attitudes towards the choices they face. High School Heroes is a special component of the sixth grade health program which entails two tobacco and marijuana prevention lessons facilitated by trained high school Safe and Drug-free students. for a grade-level informational flyer for 6th grade Healthy Relationships & Sexual Health Unit.