

Grade 5 Course Descriptions

LANGUAGE ARTS

Students apply their language arts knowledge and skills and expand their use of language. The course objectives are organized under the following areas of study: reading, writing, listening, and speaking. Specific literary focuses and skills in these areas are integrated and applied throughout the program. From the foundations established in the primary grades, students build on to develop in the areas of grammar usage and mechanics and read a variety of literary types (fiction, nonfiction, poetry, etc.).

MATHEMATICS

The course objectives for grade 5 are to develop fluency in computation with fractions, mixed numbers, and decimals. Students will apply new skills to area formulas for triangles, parallelograms, and circles. Students will extend their experiences with relations and functions, while improving their data analysis proficiency. Compare and order fractions, decimals, percents and integers will continue to be a focus for this course, as well as, using technology and models to investigate and explore coordinate graphing and probability of simple events. Reading, writing, and problem solving are included throughout the year.

SCIENCE

Science Fusion offers students the opportunity to ask and answer questions, investigate and draw conclusions through textbook reading, digital lessons, and virtual labs. It's truly a course that will appeal to all types of learners. The purpose of this course is to emphasize and build upon the skills of systematic investigation, with a clear focus on variables and repeated trials. Validating conclusions using evidence and data becomes increasingly important at this level. The Grade 5 curriculum stresses a more in-depth understanding of the nature and structure of matter and the characteristics of energy.

These are the topics included throughout the year.

Module K - Introduction to Science and Technology

Module I - Motion, Forces and Energy

Module J - Sound and Light

SOCIAL STUDIES

This course gives students an overview of American history. Students learn fundamental concepts in civics, economics, and geography. Students take part in various learning activities including simulations, class debates, projects, and other innovative techniques to make learning experiences lively and memorable. Where possible, examples from the content are related to current events and occurrences in order to make the content relevant to the students. During this course all the work is

related to the ESLRs and students are constantly reminded as to how the SLOs fit into the daily lessons and into real life situations.