

7th Grade Curriculum

Math

- Evaluating algebraic expressions
- Absolute value and distance
- The Distributive Property
- Combining “like” terms
- Addition, subtraction, multiplication and division of algebraic equations
- Solving equations in the form $ax+b=c$, $ax+b=cx+d$
- Solving inequalities
- Solving percent problems
- Area, surface area, volume of polygons, circles, including three dimensional figures
- Completion of pre-algebra standards

Language Arts

Course Texts:

Wordly Wise Book 5

Grammar, Usage and Mechanics (GUM)

Novel Study:

The Pigman by Paul Zindel

Anne Frank: The Diary of a Young Girl

The Outsiders by S.E. Hinton

Course Objectives:

- Build a foundation of skills, processes, and strategies that support and guide the development of readers, writers and analytical thinkers
- Expand on each student’s ability to read and respond to texts by annotating text effectively and participating in a variety of discussions
- Explore and understand literary elements and devices
- Scaffold the development of structured writing and free writing through guided practice and formative assessment
- Integrate writing throughout language arts via writing workshop, journal entries, on-demand writing, and novel study
- Review, extend and integrate grammar, usage, and vocabulary, thus providing a context for understanding and implementing effective writing practices

Areas of Study:

Analyzing literature and expository text, reading comprehension, the writing process, grammar, vocabulary, speaking and listening.

Science

Text: *Elevate Science*, Life, Pearson

Course Description:

Focuses on Life Science. Studies will include cell biology, genetics, structure and function of living things, and human body systems. Students are engaged in inquiry-based learning investigations that encourage innovation and collaboration that bridge disciplinary boundaries.

Course Objectives:

- To provide a foundation of facts, processes, basic concepts, principles and applications of science
- To develop skills of observation, description, and critical thinking
- To develop skills in collecting, organizing, and communicating scientific data
- To promote the “doing” of science through inquiry and hands on activities both in the laboratory and at home
- To foster a love of science by connecting the classroom science curriculum to the world we know today
- To help each student to develop solid organizational skills and study habits
- To give students a strong analytical writing program explored through scientific inquiry

Social Studies

World History:

- Roman Empire
- Islam and the Muslim Empire
- Nations and Empires of Africa
- Chinese Empire
- Japan and Southeast Asia

Religion

- The Ten Commandments
- Profession of Faith with an emphasis on forgiveness of sins, resurrection of the dead, and life everlasting
- Implications of Baptism and forgiveness of sins
- Church history
- Sacraments and the connection to scripture