

6th Grade Curriculum

ELA (English/Language Arts)

Launching the Writer's Notebook

- Use notebook to explore, focus, sequence, conference, and publish writing pieces
- Personal Narrative - setting, characters, point of view and conflict

Independent Reading

- Systematic way of supporting and guiding students as they read on their own
- Reading skills and strategies are taught and then students apply them to what they read on their own

Argument Paper

- Learn foundational concepts- fact, opinion, debatable claim, evidence, and credible sources
- Pre-write, revise, and edit their own debatable claim with three supporting pieces of evidence

Narrative Reading

- Develop student understandings about text within short stories
- Focus is on the author - point of view, purpose, tone, narrative techniques

Literary Essay

- Developing theories about a character's development
- Taking the theory and writing an essay with an introductory summary with thesis, body paragraphs to support thesis, and concluding statement.

Nonfiction Reading

- Analyzing informational text
- Includes: text features, text structure, central ideas, summarizing, meaning of content specific vocabulary, purpose, how different author advance their ideas

Information Essay: Cause and Effect

- Write an informational essay about a cause and effect phenomenon that interest them
- Recording prior knowledge, research & organize information, determine central idea, logical structure, examples to support, concluding paragraph

(ELA cont.)

Building an Argument: Letter of Complaint

- Draft and revise a letter of complaint about a problem in their daily lives
- Business letter format: introduction (summarize the problem), body (details and effects of the problem, providing factual and anecdotal evidence), conclusion (with a proposed solution)

Mathematics- Problem Solving will be a main focus throughout each unit

Unit 1: Number Systems

- Using Factors and Multiples

Unit 2: Rate, Ratio, and Proportional Reasoning

- Ratio concepts and reasoning
- Equivalent, simplifying, comparing, ordering fractions
- Fractions, decimals, percents relationship

Unit 3: Fraction Operations

- Add, Subtract, Multiply, and divide

Unit 4: Number Systems

- Integers - positive and negative rational numbers
- Ordering and Absolute Value of rational numbers
- Graphing points in all four quadrants

Unit 5: Statistics

- Displaying numerical data - dot plots, histograms, and box plots
- Summarize data - mean, mean absolute deviation, medians, quartiles

Unit 6: Compute with Decimals

- Divide multi-digit numbers
- Add, subtract, multiply, and divide multi-digit decimals

Unit 7: Algebraic Thinking

- Write, read, and evaluate expressions in which letters stand for numbers
- Apply properties of operations to generate equivalent expressions
- Reason about and solve one-variable equations and inequalities
- Represent/analyze relationships between dependent and independent variables

Unit 8: Geometry

- Area of triangles, quadrilaterals, and polygons
- Volume of rectangular prisms
- Drawing polygons in the coordinate plane
- 3-dimensional figures- nets and surface area

Science

- Physical Science - Force and motion, Simple machines
- Earth Science - 1. Systems, cycles, and processes that change Earth's surface
2. Weather and Climate
- Science - Organisms and their environment

Social Studies - World Geography and Global Issues

Unit 1: Foundations of World Geography

Unit 2: The World in Spatial Terms

Unit 3: Population and Migration

Unit 4: Culture

Unit 5: Human-Environment Interaction

Unit 6: World Trade

Unit 7: Globalization