

# A Parent's Guide to...



## FIFTH GRADE

### Language Arts



#### Reading

- Know and apply grade-level phonics and word analysis skills and read with fluency and accuracy
- Determine theme or main idea; summarize the text; and compare and contrast two or more characters or events drawing on specific details from a text
- Quote accurately from a text when explaining or drawing inferences
- Compare and contrast the overall structure of two or more texts; determine word meaning, including metaphors and similes; and the points of view of multiple accounts of the same event
- Compare and contrast stories in the same genre; integrate information from several texts on the same topic; and draw on information from multiple print and digital sources

#### Writing

- Clearly introduce the topic or text; state an opinion; create an organized structure in which ideas are logically grouped; provide reasons that are supported by facts using linking words and phrases; and provide a concluding statement
- Write grade-level appropriate informative texts to examine a topic and convey ideas clearly and narrative to develop real or imagined experiences using effective technique, descriptive details, and clear event sequences
- Demonstrate grade-level spelling, grammar, and punctuation

### Mathematics



#### Operations & Algebraic Thinking

- Write & interpret expressions
- Analyze patterns and relationships

#### Number & Operations in Base Ten

- Place value system
- Perform operations with multi-digit whole numbers and with decimals to hundredths

#### Fractions

- Use equivalent fractions to add and subtract
- Apply and extend understanding of multiplication and division to multiply and divide fractions

#### Measurement

- Measurement conversion
- Volume: relate to multiplication and addition

#### Data Literacy

- Understand and analyze data visualizations
- Represent and interpret data

#### Geometry

- Graph points on the coordinate plane
- Classify 2D figures based on properties

# Social Studies

## Early Life East and West

- Identify the major geographical, climate and vegetation regions of the United States.
- Explain how Native American cultures in the Eastern Woodlands, the Southwest, the Plains, and the Pacific Northwest each adapted to their environment and used it to survive.
- Identify major explorers, including their motivation, where and when they traveled, and the effects of their exploration.
- Explain the effects exploration had on the native cultures of the Americas, as well as its effects on Europe.
- Explain how the Columbian Exchange worked, and identify positive and negative effects for both Europe and the Americas.

## Colonial America

- Compare and contrast the reasons each settlement in the New World was founded.
- Compare and contrast colonies and regions based on religion, politics and economies.

## Our Nation

- Explain the reasons for the conflict between the colonies and Britain.
- Create a timeline of the major events of the Revolutionary War.
- Explain the purpose of the Constitution and how it still affects our lives as Americans today.



# Science

## Science Topics

- Living systems
- Mixtures & solutions
- Earth & sun
- Engineering design
- Scientific method

## Science Class

- Students will perform investigations stemmed from the FOSS program
- Focuses on three important goals: scientific literacy, instructional efficiency, and systemic reform
- Students will partake in a recording/writing component within investigations



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