

# A Parent's Guide to...



## FOURTH GRADE

### Language Arts



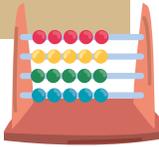
#### Reading

- Refers to details and draws inferences from a text
- Determines theme or main idea; summarizes the text; describes story elements in depth; and uses specific information from the text to explain what happened and why
- Describes overall text structure; determines word meaning; and compares and contrast points of view within stories and of the same event or theme
- Integrates information from two texts on the same topic; and makes connections between listening and viewing the same story or event

#### Writing

- Writes grade-level appropriate opinion, informative, and narrative texts that introduce a topic supported by facts using linking words and phrases; conveys ideas clearly to develop real or imagined experiences using descriptive details, clear event sequences, and a concluding statement
- Collaborates with peers on the writing process; and uses Internet and keyboarding skills to produce and publish writing
- Conducts short research projects; gathers evidence from print and digital sources; takes notes; categorizes information; and provides a list of sources

### Mathematics



#### Algebraic Thinking

- Solve problems, involving the four operations, with whole numbers
- Factors and multiples
- Generate & analyze patterns

#### Number & Operations in Base Ten

- Place value with multi-digit whole numbers
- Use place value & the properties of operations to perform multi-digit arithmetic

#### Fractions

- Fractions equivalence and ordering
- Build fractions from unit fractions
- Understand decimal notation for fractions
- Compare fractions

#### Measurement & Data

- Measurement conversion
- Represent and interpret data
- Angles & angle measurements

#### Geometry

- Draw & identify lines and angles
- Classify shapes by their lines & angles

# Social Studies

## Colonial New Jersey

- Explain the settlement patterns in New Jersey
- Explain the relationship between New Jersey, the Native Americans, and European Colonists

## Modern NJ & The World

- Explain how human interactions impact the environment in NJ and the US
- Explain how inventions contributed to the improvement of our lives
- Explain how we can balance economic development and individual rights

## Government

- Explain basic ideas about government that the Founders have
- Explain why the Declaration was written and its impact on the American Colonists
- Explain how the U.S. Constitution organizes our government to prevent an abuse of power



# Science

## Science Topics

- Soil, rock, and landforms
- Environments
- Energy
- 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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