

A Parent's Guide to...



FOURTH GRADE

Language Arts



Reading

- Know and apply grade-level phonics and word analysis skills and read with fluency and accuracy
- Refer to details and draws inferences from a text
- Determine theme or main idea; summarize the text; describe story elements in depth; and use specific information from the text to explain what happened and why
- Describe overall text structure; determine word meaning; and compare and contrast points of view within stories and of the same event or theme
- Integrate information from two texts on the same topic; and make connections between listening and viewing the same story or event

Writing

- Write grade-level appropriate opinion, informative, and narrative texts that introduce a topic supported by facts using linking words and phrases; convey ideas clearly to develop real or imagined experiences using descriptive details, clear event sequences, and a concluding statement
- Collaborate with peers on the writing process; and use Internet and keyboarding skills to produce and publish writing
- Conduct short research projects; gather evidence from print and digital sources; take notes; categorize information; and provide a list of sources
- Demonstrate grade-level spelling, grammar, and punctuation

Mathematics



Operations & 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

- Measurement conversion
- Angles & angle measurements

Data Literacy.

- Organize and understand data visualizations
- represent and interpret data

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



Office of Curriculum & Instruction
Roxbury Public Schools

Jennifer Maurer

Supervisor of Humanities

jmaurer@roxbury.org

973-598-8489 ext 5020



Crystal Nzegwu

Supervisor of Math & Sciences

cnzegwu@roxbury.org

973-584-2890 ext 5021