# 3rd Grade Curriculum

## 2009-2010

Paul Cuffee School
459 Promenade Street (K-5)
30 Barton Street (6-8)
Providence, RI 02908

**3rd GRADE**

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# Language Arts

***By the end of third grade, students apply their knowledge about language for fluent oral and silent reading of third grade material. Students will express their ideas through process writing. Students will continue to deepen their listening and speaking skills.***

## Reading

- ❒ Read grade level appropriate materials with accuracy and fluency
- ❒ Makes text to text, text to self, and text to world connections
- ❒ Identify the important parts of a story (characters, setting, problems, solutions, major events, plot)
- ❒ Know the difference between main idea and supporting details
- ❒ Predict, compare, and contrast when reading
- ❒ Use synonyms (same meaning), antonyms (opposite meaning), homophones (same sound), prefixes (word part before root word), suffixes (word part after root word), and clues from the text to learn the meaning of words
- ❒ Use titles, table of contents and chapter headings, glossaries, and indexes to locate information in a text
- ❒ Know the organizational features of a dictionary and how to use the dictionary to learn the meaning of words
- ❒ Read and follow simple multiple-step written instructions.
- ❒ Use a variety of strategies to comprehend text
- ❒ Respond to literature in writing
- ❒ Read and understand multiple genres

## Writing

- ❒ Use process writing effectively
- ❒ Learn to write cursive legibly
- ❒ Use correct punctuation and capitalization in daily writing
- ❒ Write and recognize complete sentences
- ❒ Write letters, thank you notes and invitations
- ❒ Write in different genres including: narratives, research reports, procedural texts, poetry and response to literature.

## Listening and Speaking

- ❒ Listen and respond to oral communication
- ❒ Participate effectively in discussions
- ❒ Prepare and deliver effective oral presentations
- ❒ Tell a story orally with detail

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# Mathematics

***By the end of third grade, students will demonstrate their understanding of the concepts involved with place value, addition, subtraction, multiplication, and division. They will estimate, measure, and explore geometric relationships and probability. Students will use various strategies to solve problems, explain, and represent their ideas.***

## Numbers and Operations

- ❒ Read, write, and count numbers to 10,000 (ones, tens, hundreds, thousands, ten thousands)
- ❒ Round numbers to the nearest ten, hundred
- ❒ Use whole numbers to add/subtract up to 999 using regrouping (borrowing and carrying)
- ❒ Demonstrate quick recall of basic addition/subtraction/multiplication facts
- ❒ Identify and compare equivalent fractions
- ❒ Use addition, and subtraction in solving problems involving money in decimal notation ($.59 + $1.37 = $2.06)
- ❒ Uses estimation strategies when appropriate

## Functions and Algebra

- ❒ Write and solve number sentences and word problems
- ❒ Use patterns to solve problems

## Geometry and Measurement

- ❒ Tell time to the nearest minute
- ❒ Understand and solve problems with elapsed time
- ❒ Estimate, compare, and measure using correct tools (length, perimeter, area, weight)
- ❒ Identify, compare and classify 2 dimensional geometric shapes

## Data, Statistics, and Probability

- ❒ Read, interpret, and create graphs and tables to organize data
- ❒ Identify patterns in data and predict further outcomes
- ❒ Understand probability (determining the likelihood of an occurrence or event)

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# Science

***Water*** ***LifeCycles*** ***Solar System***

***By the end of third grade, students recognize that energy and matter have many forms and can be changed from one form to another. Students can give examples of how an organism's structure helps the organism survive. Students explain the patterns that occur in the appearance of objects in the sky. They will demonstrate their understanding of the scientific method through investigation and experimentation.***

## Physical Sciences

- ❒ Recognize sunlight as the primary source of energy to the Earth.
- ❒ Compare and contrast the three common forms of matter (solid, liquid, gas).

## Life Sciences

- ❒ Recognize plant structures necessary for growth, survival, and reproduction.
- ❒ Describe how living things can change their environment.
- ❒ Relate changes in the environment to plant survival.

## Earth Sciences

- ❒ Illustrate the phases of the moon in order of appearances.
- ❒ Describe the Earth and the other planets orbiting the Sun; describe the moon as orbiting the Earth.
- ❒ Describe the position of the Sun in relation to time of day and season of the year.

## Investigation and experimentation

- ❒ Use variables in an experiment to determine conditions for change.
- ❒ Distinguish between evidence and opinion.
- ❒ Make claims about experiment results and give evidence supporting those claims
- ❒ Use numerical data to describe and compare objects, events, and measurements.
- ❒ Predict, collect, and analyze data, and compare the conclusion to the prediction.
- ❒ Write across the science curriculum/non-fiction, procedural writing

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# Social Studies

***By the end of third grade, students will demonstrate an understanding of the history of Rhode Island. Emphasis is placed on the physical and cultural landscape of Rhode Island, including the students' roles as active participants in the community.***

- ❒ Use maps and physical geography to organize information regarding human environments.
- ❒ Identify geographical features in their local region.
- ❒ Understand rules / laws in their daily lives.
- ❒ Develop rules, rights and responsibilities as community members and learn to become good citizens.
- ❒ Use research to learn about their place in their neighborhood, city and state.
- ❒ Understand and appreciate various cultures in their community and around the world.