

# What Your Child is Expected to Learn...



## 3rd Grade

### A Representative Sample of Expectations by Grade Level

For a complete list of the state adopted standards, please go to the keyword search tab at: <http://www.cpalms.org/Standards/FLStandardSearch.aspx>

Dear Parents,

The mission of Brevard Public Schools is “to serve every student with excellence as the standard.” Our elementary schools work toward this goal each school day by ensuring that every child has exciting and meaningful learning experiences. We expect all of our students to learn and to demonstrate increasingly complex skills as they progress through the grades toward the goal of becoming responsible and productive adults. Toward this end, I am pleased to share with you a representative sample of the learning expectations for your child this year. These sample learning expectations are stated within the State Standards from the Florida Department of Education.

These standards provide focus and consistency for teachers and students and offer parents and community members a clear view of a school's expectations for student learning. The parent's role in supporting children's educational progress is increasingly important in our rapidly changing world. I urge you to review these expectations and to take advantage of opportunities to provide rewarding learning experiences for your child each day.

I wish your child a successful school year!

Sincerely,

*Tara Harris*

Tara Harris, Director  
Elementary Leading and Learning

For a complete list of standards, go to the subject area links at:  
<https://www.brevardschools.org/Page/14057>

## SCIENCE

### The Nature of Science

- raises questions about the natural world, investigates them individually and in teams through free exploration and systematic investigations, and generates appropriate explanations based on those explorations
- recognizes that scientists question, discuss, and check each other's evidence and explanations
- infers based on observation
- recognizes that scientists use models to help understand and explain how things work

### Earth and Space Science

- identifies the Sun as a star that emits energy; some of it in the form of light
- recognizes that the Sun appears large and bright because it is the closest star to Earth
- explores the Law of Gravity by demonstrating that gravity is a force that can be overcome
- demonstrates that radiant energy from the Sun can heat objects and when the Sun is not present, heat may be lost

### Physical Science

- measures and compares the mass and volume of solids and liquids
- compares materials and objects according to properties such as size, shape, color, texture, and hardness
- describes the changes water undergoes when it changes state through heating and cooling by using familiar scientific terms such as melting, freezing, boiling, evaporation, and condensation
- recognizes that energy can cause motion or create change
- investigates, observes, and explains that heat is produced when one object rubs against another, such as rubbing one's hands together

### Life Science

- describes structures in plants and their roles in food production, support, water, and nutrient transport, and reproduction
- classifies animals into major groups (mammals, birds, reptiles, amphibians, fish, arthropods, vertebrates, and invertebrates, those having live births and those which lay eggs) according to their physical characteristics and behaviors
- describes how animals and plants respond to changing seasons
- recognizes that plants use energy from the Sun, air, and water to make their own food



### Ideas for Helping Your Child at Home

- ☺ Take your child to the beach. Encourage him/her to ask questions about the things seen: dunes, litter, tides, shells, seabirds, and so on
- ☺ Look for small rocks or stones. Place them in an unbreakable container with a lid. Shake vigorously. Empty the container onto a piece of paper. Do you notice any changes?
- ☺ Look for opportunities to investigate questions your child raises by manipulating materials
- ☺ Provide your child with opportunities to measure weight, temperature, time, length, and volume

### School Board Members

Ms. Misty Belford, Chairman  
Mr. Matt Susin, Vice Chairman  
Ms. Katye Campbell  
Ms. Jennifer Jenkins  
Ms. Cheryl McDougall

### Superintendent

Mark W. Mullins, Ed.D.

### Elementary Leading and Learning Assistant Superintendent

Mrs. K. Jane Cline

### Elementary Programs Director

Mrs. Tara Harris

What Your Child is Expected to Learn in Third Grade 2021-22

# ENGLISH LANGUAGE ARTS

## Reading

- reads grade-level text fluently and accurately
- explains how one or more characters develop throughout the plot
- explains a theme and how it develops
- explains different characters' perspectives
- identifies types of poems: free verse, rhymed verse, haiku, and limerick
- explains how text features contribute to the meaning
- identify the text structures of chronology, comparison, and cause/effect
- identifies the central idea and explains how details support that idea
- explains the development of an author's purpose
- identifies an author's claim and explains how an author uses evidence to support the claim
- identifies and explains metaphors, personification, and hyperbole in texts
- makes inferences to support comprehension
- summarizes a text to enhance comprehension
- contrasts how two authors present information on the same topic or theme

## Communication

- writes in cursive all upper-and lowercase letters
- engages in collaborative discussions
- uses appropriate voice and tone when speaking and writing
- cites evidence to explain and justify reasoning
- presents information orally in a logical sequence with nonverbal cues (ex. posture, tone, expression), appropriate volume, and clear pronunciation
- writes detailed narratives, opinions, and expository products
- improves writing by planning, revising, and editing
- follows the rules of standard English grammar, punctuation, capitalization, and spelling appropriate to the grade level (students are expected to use conventions from previous years):
  - conjugates regular and irregular verb tenses
  - forms and uses irregular plural nouns
  - maintains consistent verb tenses across paragraphs
  - uses simple modifiers
  - uses prepositions and prepositional phrases
  - forms and uses compound sentences
  - uses quotation marks with dialogue and direct quotations
  - uses commas to indicate direct address
- conducts research to answer a question, organizing information about the topic, using multiple valid sources

## Vocabulary

- identifies and applies knowledge of common Greek and Latin roots, base words, and affixes to determine the meanings of unfamiliar words in grade-level content
- uses context clues, figurative language, word relationships, reference materials, and/or background knowledge to determine the meaning of multiple-meaning and unknown words and phrases, appropriate to 3<sup>rd</sup> grade
- uses grade-level academic vocabulary appropriately in speaking and writing



## Ideas for Helping Your Child at Home

- ☺ Read to and with your child daily using a variety of texts.
- ☺ Encourage discussions at mealtimes, in the car, etc.
- ☺ Involve your child in family chores.
- ☺ Encourage your child to respond to text through writing and drawing to show understanding.
- ☺ Take your child to the library.
- ☺ Make a variety of text available to your child at home

# MATHEMATICS

## Operations and Algebraic Thinking

- represents and solves problems involving multiplication and division
- interprets the meaning of products and quotients using the meanings of multiplication and division (repeated addition, multiplicative comparison, arrays, combinations, measuring, and partitioning)
- uses strategies such as the properties of operations (commutative, associative, and distributive) to multiply and divide
- recognizes and applies multiplication and division as inverse operations
- solves routine and non-routine one- and two-step problems using the four operations and a variety of strategies such as making a table, chart, or list, and looking for patterns
- multiplies and divides fluently within 100

## Number and Operations in Base Ten

- uses place value understanding to round numbers to the nearest 10 or 100
- adds and subtracts fluently within 1000 using strategies based on places value, properties of operations, and/or the relationship between addition and subtraction
- multiplies one-digit numbers by multiples of 10

## Number and Operations – Fractions

- uses sets, area, and linear models to represent fractions
- demonstrates an understanding of the relationship of the fractional part to the number of equal-sized pieces in the whole
- uses models and strategies to compare and order fractions (including fractions greater than one)
- explains the equivalence of fractions and compares fractions by reasoning about their size

## Measurement and Data

- tells and writes the time to the nearest minute
- measures and estimates liquid volumes and masses of objects using standard units of grams, kilograms, and liters. measures lengths using rulers marked with halves and fourths of an inch
- draws a scaled picture and scaled bar graph to represent data sets
- understands concepts of area measurement and measures area by counting unit squares
- relates area to the operations of multiplication and division
- recognizes perimeter as an attribute of plane figures

## Geometry

- understands that shapes may share attributes
- recognizes rhombuses, rectangles, and squares as quadrilaterals and draws examples of quadrilaterals that do not belong to any of these subcategories
- partitions shapes into parts with equal areas and expresses the area of each part as a unit fraction of the whole



## Ideas for Helping Your Child at Home

- ☺ Engage your child in situations that require thinking and problem-solving
- ☺ Ask your child to share the strategies s/he used when solving problems
- ☺ Have your child measure and weigh various objects and then order them according to these measurements
- ☺ Play games with your child that require using critical thinking skills such as card games, checkers, Connect Four, and so on
- ☺ Using various geometric two-dimensional shapes, have your child build other two-dimensional shapes and vice versa
- ☺ Ask your child to do some of the hands-on activities s/he is doing in class with you

# SOCIAL STUDIES

## American History

- analyzes primary and secondary resources
- utilizes technology resources to gather information from primary and secondary sources

## Geography

- knows the world in spatial terms by reviewing basic map elements, labeling the continents and oceans of the world, and using maps to identify different types of scale to measure distances between two places
- knows countries and commonwealths in North America and the Caribbean
- identifies and labels states of the United States
- describes the climate, vegetation, and natural resources of the United States, Canada, Mexico, and the Caribbean
- explains how the environment influences settlement patterns
- compares cultural characteristics of citizens of North America

## Economics

- lists the characteristics of money
- recognizes buyers and sellers interact to exchange goods and services
- distinguishes between currencies used in the United States, Canada, Mexico, and the Caribbean

## Civics and Government

- understands the foundations of local government, law, and the American political system
- knows how citizens can participate in civic and political actions
- describes the structure and function of government at the local level



## Ideas for Helping Your Child at Home

- ☺ Study maps and their features with your child
- ☺ Learn and explore the United States (location, capital, landmarks, and climate)
- ☺ Talk to your child about local government and its functions
- ☺ Discuss current events with your child