

## SCIENCE

### The Nature of Science

- raises questions about the natural world, investigates them in teams through free exploration, and generates appropriate explanations based on those explorations
- uses the five senses as tools, makes careful observations, describes objects in terms of number, shape, texture, size, weight, color, and motion, and compares their observations with others
- keeps records as appropriate-such as pictorial and written records-of investigations conducted
- asks “how do you know? In the appropriate situations

### Earth and Space Science

- observes and discuss that there are more stars in the sky than anyone can easily count and that they are not scattered evenly in the sky
- investigates how magnifiers make things appear bigger and help people see things they could not see without them
- identifies the beneficial and harmful properties of the Sun
- describes the need for water and how to be safe around water

### Life Science

- makes observations of living things and their environment using the five senses
- identifies the major parts of plants, including stem, roots, leaves, and flowers
- differentiates between living and nonliving things
- through observation, recognizes that all plants and animals, including humans, need the basic necessities of air, water, food, and space

### Physical Science

- sorts objects by observable properties, such as size, shape, color, temperature (hot or cold), weight (heavy or light), texture, and whether objects sink or float
- demonstrates and describes the various ways that objects can move, such as in a straight line, zigzag, back and forth, round and round, fast and slow
- demonstrates that the way to change the motion of an object is by applying a push or pull

#### \*\*\* Ideas for Helping Your Child at Home \*\*\*

- ☺ Send your child on a magnet hunt, searching for magnets being used in a variety of ways throughout the house. Magnets can be found in unusual places: paper clip holders, cupboard door catches, flashlight holders, handbag clasps, magnetized strips on bank cards, and so on
- ☺ Have your child place some soil in a small pot. Make sure it has light and water. Observe the soil daily for signs of growth. Perhaps there were weed seeds hidden below the soil
- ☺ Have your child draw things they observe providing details. Discuss with them
- ☺ Discuss the basic needs of different plants and animals they observe

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What Your Child is Expected to Learn in First Grade 2022-2023

## What Your Child is Expected to Learn...



### A Representative Sample of Grade Level Learning Expectations

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 B.E.S.T ELA/math state standards from the Florida Department of Education.

These benchmarks and 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>

# ENGLISH LANGUAGE ARTS

## Reading

- blends, segments, and manipulates individual sounds within words
- uses knowledge of phonics and word analysis skills including spelling-sound correspondence, blends and digraphs, final-e words, and r-controlled vowels, etc. to decode words
- reads grade-level texts fluently and accurately
- identifies and describes main story elements
- identifies and explains the moral of a story
- explains who is telling the story using context clues
- identifies stanzas and line breaks in poems
- uses text features (ex. titles, headings, captions, graphs, maps, glossaries, illustrations) to demonstrate understanding
- identifies the topic and details
- explains the similarities and differences between information provided in visuals and words
- identifies an author’s opinion(s) about the topic
- identifies and explains descriptive words and phrases
- retells a text, speaking or writing, to enhance comprehension, using main story elements at the beginning, middle, and end for literature and topic and important details for informational text
- compares and contrasts two texts on the same topic

## Communication

- prints 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 using complete sentences and appropriate volume
- 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):
  - capitalizes proper nouns
  - forms and uses simple verb tenses by adding the affix -ed
  - forms and uses complete simple sentences
  - uses possessives
  - uses subject-verb agreement in simple sentences
- participates in research to gather information to answer a question about a single topic

## Vocabulary

- identifies and uses base words and their common inflections in grade-level content
- identifies and uses picture clues, context clues, word relationships, reference materials, and/or background knowledge to determine the meaning of unknown words
- uses grade-level academic vocabulary appropriately in speaking and writing

## \*\*\* Ideas for Helping Your Child at Home \*\*\*

- ☺ Read to and with your child using a variety of texts
- ☺ Provide writing tools: paper, crayons, pens, pencils, chalkboard/whiteboard
- ☺ Encourage discussions at mealtimes, in the car, etc

# MATHEMATICS

## Number Sense and Operations

- starting at a given number, count forward and backwards within 120 by one, within 20 by 2’s, within 100 by 5’s
- reads numbers from 0 to 100 written in the standard form, expanded form, and word form , writes numbers from 1-100 using standard and expanded form
- composes and decomposes two-digit numbers in multiple ways using tens and ones (demonstrates with objects, drawings, and expressions or equations)
- plots, orders, and compares whole numbers to 100
- recalls addition facts with sums to 10 and related subtraction facts with automaticity
- adds and subtracts two whole numbers from 0 to 20 with procedural reliability
- identifies the number that is 1 more, 1 less, 10 more, 10 less than a given two-digit number
- explores the addition of a two-digit number and a one-digit number with sums to 100
- explores subtraction of a 1-digit number from a 2-digit number

## Fractions

- partitions circles and rectangles into 2 and 4 equal sized parts, names the parts of the whole using appropriate language including halves and fourths.

## Algebraic Reasoning

- applies properties of addition to find a sum of three or more whole numbers
- solves addition and subtraction real-world problems using objects, drawings, or equations to represent the problem
- restates a subtraction problem as a missing addend problem using the relationship between addition and subtraction
- determines and explains if equations involving addition or subtraction are true or false
- determines the unknown whole number in an addition or subtraction equation, relating three whole numbers, with the unknown in any position

## Measurement

- estimates the length of an object to the nearest inch, measures the length of an object to the nearest inch or centimeter
- compares and orders the length of up to three objects using direct and indirect comparison
- uses analog and digital clocks to tell and write time in hours and half-hours
- identifies pennies, nickels, dimes, and quarters and expresses their values using the ¢ symbol, states how many of each coin equal a dollar
- finds the value of combinations of pennies, nickels, and dimes up to one dollar, and the value of combinations of one, five, and ten dollar bills up to \$100, uses the ¢ and \$ symbols appropriately

## Geometric Reasoning

- identifies, compares, and sorts two- and three-dimensional figures based on their defining attributes (figures are limited to circles, semi-circles, triangles, rectangles, squares, trapezoids, hexagons, spheres, cubes, rectangular prisms,

- cones, and cylinders)
- sketches two-dimensional figures when given defining attributes (figures are limited to triangles, rectangles, squares, and hexagons)
- composes and decomposes two- and three-dimensional figures (figures are limited to semi-circles, triangles, rectangles, squares, trapezoids, hexagons, cubes, rectangular prisms, cones, and cylinders)
- given a real-world object, identifies parts that are modeled by two- and three-dimensional figures (figures are limited to semi-circles,, triangles, rectangles, squares, and hexagons, spheres, cubes, rectangular prisms, cones and cylinders)

## Data Analysis and Probability

- collects data into categories and represents the results using tally marks or pictographs
- interprets data represented with tally marks or pictographs by calculating the total number of data points and comparing the totals of different categories

## \*\*\* Ideas for Helping Your Child at Home \*\*\*

- ☺ Engage your child in solving problems encountered daily
- ☺ Have your child “teach” you the various addition and subtraction strategies she/he uses to solve basic addition and subtraction facts
- ☺ Play thinking games that involve strategies with your child such as checkers, Connect Four, card games, and so on
- ☺ Discuss the relationship of numbers as opportunities arise – for example, ages, the number of cupcakes needed for class celebrations, and so on

# SOCIAL STUDIES

## American History

- understands and asks questions when examining primary sources
- compares lives from the past to present
- uses chronological thinking by sequentially ordering events and creating timelines

## Geography

- identifies key elements of maps and globes
- constructs simple maps
- uses maps and globes to locate hometown, Brevard County, Florida, the Atlantic Ocean, and the Gulf of Mexico

## Economics

- recognizes money is used for exchanging goods and services
- distinguishes between buyers, sellers, and producers of goods and services
- recognizes the importance of saving money

## Civics and Government

- explains the purpose of rules and laws and people who have the power and authority to enforce them
- describes characteristics of responsible citizenship
- recognizes symbols and individuals that represent the United States Constitution and democracy

## \*\*\* Ideas for Helping Your Child at Home \*\*\*

- ☺ Visit important buildings in the community and discuss why they are needed (voting, city hall, tax collector, etc.)
- ☺ Read the informational text with your child
- ☺ Collect family stories and share your family history
- ☺ Discuss current events with your child