

## Ideas for Helping Your Child at Home

- © Discuss family rules and why they are important.
- © Purchase a community map and talk about places you visit.
- © Volunteer to help in a community event.
- © Discuss current events with your child.

## SCIENCE

### The Nature of Science

- collaborates with others to collect data, ask questions, investigate problems and generate conclusions based on hands on exploration
- makes observations, predicts outcomes and explores using the five senses
- keeps records as appropriate-such as pictorial and written records-of investigations conducted

### Earth and Space Science

- explores the Law of Gravity and the factors that affect the force of gravity
- investigates the real world using magnifiers
- recognizes patterns related to Earth. i.e. night/day, seasons
- recognizes water as a valuable resource and how to be safe around water

### Physical Science

- sorts objects by observable properties, such as size, shape, color, temperature, weight and texture
- understands that matter can undergo a variety of changes
- investigates the ways things move in different ways by applying a push or pull

### Life Science

- makes observations of living things and their environment using the five senses
- differentiates between living and nonliving things
- knows that living things need food, water, space and air for survival

## Ideas for Helping Your Child at Home

- © Use your house to explore science. Find simple machines that make work easier, cook to discover changes in matter, and observe wildlife by planting flowers or hanging a birdfeeder.
- © Engage your child by asking "good questions" that pose problems and require evidence to solve the question.
- © Keep a science journal by drawing pictures of daily events that require science.
- © Use science vocabulary with your child.

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TK-1 Grade Level Expectations have been developed by Brevard Public Schools using information from the kindergarten and first grade Next Generation Sunshine State Standards and Florida Standards with some adaptations.

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



# TK~1

A Representative Sample of Expectations by Grade Level  
the Florida Standards go to the key word 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 Next Generation Sunshine State Standards (NGSSS) and in the recently-adopted Florida State Standards (FSS) 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 parents' 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:  
<http://elementarypgms.sp.brevardschools.org/Home/default.aspx>

# ENGLISH/LANGUAGE ARTS

## Reading

- identifies patterns in spoken words, such as rhymes, syllables, individual sounds, and common blends
- applies letter sounds to decode simple words
- reads common sight words
- reads emergent-reader books with purpose and understanding
- asks questions about books (literature and nonfiction) that are read aloud or independently
- retells key ideas and details from literature or nonfiction read together or independently
- states the main topic of an informational text and reasons an author gives to support his ideas
- relates what happens at the beginning, middle, and end of the story
- identifies connections between individuals, events, or ideas in literature and nonfiction
- states the roles of the author and the illustrator
- identifies the parts of a book (cover, title, etc.) and different types of text (storybook, poem, informational book)
- recognizes the features of a sentence (begins with a capital, ends with punctuation, etc.)
- understands how the images in a book relate to the words on the page
- compares and contrasts the adventures of characters in familiar stories (literature) or between two nonfiction books on the same topic

## Writing

- uses drawing, dictating, and writing to express ideas
- shares an opinion about a topic or book in writing (“My favorite book is ...”)
- works with adults and peers to add details to writing
- discusses writing with adults and peers
- participates in shared explorations of books or topics and writes about the topic
- answers questions about a topic through writing
- uses digital tools (with guidance) to produce writing

## Speaking & Listening

- participates in class conversations and follows rules for discussion
- asks questions to help get more information
- describes details about people, places, and things; describes illustrations or other visual displays
- speaks audibly and expresses ideas in clear, complete sentences

## Language

- prints upper and lowercase letters legibly
- uses grammar correctly when speaking and writing (instruction will focus on nouns, verbs, and prepositions)

- uses capitals (first word, letter I) and end punctuation appropriately
- spells phonetically (the way words sound)
- uses strategies to learn and apply new vocabulary for speaking, reading, and writing

## Ideas for Helping Your Child at Home

- ☺ Read to and with your child using a variety of texts.
- ☺ Discuss favorite words, characters, scenes, and plot twists.
- ☺ Provide writing tools: paper, crayons, pens, pencils, chalkboard/ whiteboard.
- ☺ Encourage discussions at meal times, in the car, etc.
- ☺ Help your child follow simple oral directions.
- ☺ Involve your child in family chores. Talk together about the sorting process used to organize. (laundry, dishes, garage).
- ☺ Allow your child to create “original” drawings and writings that convey understanding of main idea.

# MATHEMATICS

## Algebra

- reads and writes numerals to 100
- compares and orders whole numbers up to 100
- uses manipulatives to represent and model addition and subtraction situations with sums up to 20
- uses cardinal and ordinal numbers up to 20
- solves word problems involving composing (joining) and decomposing (separating) sets
- uses manipulatives, diagrams, and other strategies to solve routine and non-routine problems
- identifies and extends numeric and non-numeric repeating and growing patterns and explains their reasoning
- creates numeric and non-numeric repeating and growing patterns
- explores numbers and number relationships by analyzing data derived from tables, charts and graphs

## Geometry and Measurement

- knows ways to measure time including days of the week and using a calendar
- measures objects (length and weight) using standard and nonstandard units of measurement
- recognizes, describes, names, builds, draws, manipulates, and sorts two-dimensional and three-dimensional shapes
- explores and investigates attributes of shapes (e.g., create shapes using pattern blocks and geoboards, experimentation with folded paper)
- solves problems using transformations, such as slides, flips and turns
- uses manipulatives to model objects in the environment and to build more complex shapes
- uses geometric shapes and appropriate geometric vocabulary to interpret the physical world

## Ideas for Helping Your Child at Home

- ☺ Help your child learn the link between quantities and numerals by playing games that involve cards, dice, or dominoes.
- ☺ Use a variety of time measurements in everyday discussions (e.g., analog clock, calendar to count and mark the days until a special event, kitchen timers, hour glasses).
- ☺ When grocery shopping, estimate how much the produce weighs and check by using the scales.
- ☺ Draw attention to objects that look different when they are turned sideways or flipped over.
- ☺ Encourage your child to use mathematical language (sphere, cube, cylinder, more, less, equal to).
- ☺ Have your child use two different kinds or colors of manipulatives to show all the different combinations for numbers through 20. (For example, 5 is 5 red chips and 0 yellow chips, 4 red and 1 yellow, 3 red and 2 yellow and so on).

# SOCIAL STUDIES

## American History

- formulates questions when examining primary sources
- recognizes historical figures and events in American History
- discusses historical events using timelines

## Geography

- differentiates between features identified on a map or globe
- describes key places in community and Brevard County (KSC, Port Canaveral, Parks, and Beaches)
- understands how weather affects Brevard County

## Economics

- uses decision making skills to determine needs versus wants
- identifies self as a consumer
- recognizes values of currency

## Civics and Government

- defines school and community rules and states why they are important
- identifies symbols and notable figures that represent the United States
- demonstrates character education traits and life skills