THE FLORIDA BENCHMARKS FOR EXCELLENTSTUDENT THINKING (B.E.S.T.) STANDARDS

Parent Guide for First Grade Mathematics

https://www.fldoe.org/academics/standards/subject-areas/math-science/mathematics/

The B.E.S.T. Standards for Mathematics are mathematics standards for Florida students that are a high-quality foundation to which our assessments and instructional materials will be aligned. The B.E.S.T Standards were created by Florida educational leaders and Mathematics teachers reflecting the feedback of parents, stakeholders and classroom teachers. The benchmarks for the standards are mastery goals that students are expected to attain by the end of the school year.

Florida B.E.S.T. Strands: First Grade

Number Sense and Operations
Fractions
Algebraic Reasoning
Measurement
Geometric Reasoning
Data Analysis and Probability

Instructional time will focus on:

- ✓ **Understanding place value of tens and ones**
- ✓ **Extending the understanding of addition and subtraction**
- ✓ **Developing an understanding of measurement, money, and time**
- ✓ **Categorizing geometric figures**

First Grade Standards at a Glance

- Place value of two-digit numbers
- Recite numbers to 120 forward and backward
- Addition and subtraction of whole numbers
- 0-20 with drawings and equations
- Addition of 2-digit numbers with sums to 100
- Compare objects through measurement
- Measurement with inches
- Identify 2D and 3D figures
- Compare numbers up to 100
- Partitioning shapes into halves and fourths
- Time to the hour and half-hour
- Coin identification

Mathematical Thinking and Reasoning Standards (MTRs)

Florida Students are expected to engage with math through the MTR Standards daily to promote deeper learning and understanding.

1. Actively participate
2. Represent problems in multiple ways
3. Complete tasks with fluency
4. Engage in discussions
5. Use patterns to connect concepts
6. Assess reasonableness of solutions
7. Apply math to real world

Mathematical Activities to Support Learning at Home

- **Shape Scavenger Hunt**: Seeing shapes in real life reinforces the concept of geometry. Go on a scavenger hunt in your backyard, home, or local park. Help your child find objects in a variety of different shapes—circles, squares, triangles, rectangles, and more!
- **Counting in the Kitchen**: Count by 2's, 5's, and 10's to 120. Consider using objects such as beans, straws, pasta, etc. to support counting.
- **My Survey:** Create a survey question and collect data from friends and family in a tally chart. Example of survey question could include: What is your favorite food?
- **Card Addition:** Grab a deck of cards, pick out all numbers between 1 and 9, and shuffle them. Have your first grader pull out two at a time and add the numbers together!
- **Our Family Schedule:** Create an original schedule for your everyday activities**.** Draw clocks to show the times for each event.
- **Board Games:** Games involving dice and count moves also improve number recognition and simple math. Great options are Chutes and Ladders and Candy Land.
- **Word Problems:** Create and solve addition and subtraction word problems about everyday life. For example, "I had 8 chicken nuggets on my plate. I ate some and now I have 4 left. How many chicken nuggets did I eat?"

Kindergarten Mathematics Picture Books

- ***Rooster's Off to See the World*** by Eric Carle (Addition and Subtraction)
- ***Give Me Half!*** by Stuart Murphy (Fractions)
- ***The Grouchy Ladybug*** by Eric Carle (Time)
- ***Brown Rabbit's Shape Book*** by Alan Baker (Shapes)
- ***Monster Money*** by Grace Maccarone (Money)
- ***From One to One Hundred*** by Teri Sloat (Counting)
- ***Tally O'Malley*** by Stuart Murphy (Data)

Academic Mathematics Vocabulary

- **Automaticity**: the ability to act according to an automatic response or pattern which is easily retrieved from long term memory
- **Exploration**: instruction focuses on helping the student develop understanding through the use of manipulatives, visual models, discussions, estimation, and drawings
- **Procedural Fluency**: instruction focuses on helping the student become fluent, efficient, and accurate with a procedure
- **Procedural Reliability**: instruction focuses on helping the student choose a method they can use reliably