

PARENT GUIDE FOR GRADE 2 MATHEMATICS

Preparing Florida's Children for a Successful Future



All Florida students deserve to graduate high school with the knowledge and skills they need to succeed in college, careers and life. Over the last several years, Florida has made strong academic gains. But, we know today's workforce requires our graduates to have stronger critical thinking, problem solving and communications skills than ever before. Higher standards that challenge and motivate our students are essential.

To address this need, education leaders across the state of Florida improved our academic content standards, creating new expectations for what students need to know and be able to do. The Florida Standards are designed to ensure that **ALL** students reach their greatest potential—whatever their path may be.

Preparing your child for success begins in kindergarten and continues as your child moves up through each grade. This guide will support parents and families with children in **second grade** by helping you:

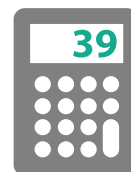
- **Learn** about the Florida Standards and why they matter for your child.
- **Talk** with your child's teachers about what he/she will be learning in the classroom.
- **Support** your child's learning in practical ways at home.

LEARN ABOUT THE STANDARDS

Florida students will continue to practice many of the same things you learned in second grade—along with some important additional skills. **Second grade** students are learning these types of lessons:

- Determining the unknown whole number in an equation relating four or more whole numbers. For example, determining the unknown number that makes the equation true in the following:

1. $37+10+10 = _ + 18$
2. $?-6=12-4$
3. $15-9+6=X$



Every child develops at his/her own pace. The activities in this guide are recommended age-specific guidelines for growing young minds.

- Using addition to find the total number of objects arranged in rectangular arrays with up to five rows and up to five columns; write an equation to express the total as a sum of equal addends.
- Counting within 1,000; skip-count by 5s, 10s and 100s.
- Reading and writing numbers to 1,000 using base-ten numerals (a number system based on 10 also known as the decimal system), number names and expanded form.
- Adding up to four two-digit numbers by using strategies based on place value and properties of operations.



Download the complete Mathematics Florida Standards for Grade 2 at www.flstandards.org

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TALK WITH YOUR CHILD'S TEACHER



When you talk to your child's teacher, don't worry about covering everything. Instead, keep the conversation focused on the most important topics for your child. In second grade, you may ask your child's teacher questions such as:

- How will my child be expected to show his/her work?
- What are some areas where my child is excelling? Where does my child need extra help?

SUPPORT LEARNING AT HOME

You can encourage learning mathematics at home in ways that are fun for you and your child. Try these ideas after school, on weekends and during the summer:



Help your child understand that the same hour on an analog clock can mean day (am) or evening (pm). Throughout the day and evening, have him/her be the timekeeper who reports the hour and minutes for family activities.



Help your child get a sense of how many make 1,000 of something. Create a scrapbook-style dictionary, numbering words and illustrating them with cutout pictures and drawings.



Practice counting to 1,000. Skip count by 5s, 10s, and 100s. Start from a random number and add or subtract.



Find 10 pairs of related objects, such as buttons in multiple colors. Count them by pairs of two up to 20.



Make and count ingredients for a 20-piece salad with two leaves of lettuce, two pieces of tomato, two chunks of carrot, two croutons, etc., for a total of 20.



Encourage your child to measure things around the house using a ruler, yardstick, tape measure, measuring cup or scale.



Allow your child to count money and make change. For example, tell your child you have coins in your pocket that total 90 cents and ask, "What combinations of coins could be in my pocket?"

Talk to your child's teacher or principal to learn more great ideas to support learning at home.

Download the complete Mathematics Florida Standards and other resources for parents at www.flstandards.org

Questions? Contact JustforParents@fldoe.org