

# GRADES K-5 MATH-AT- HOME PLAN

WAKULLA COUNTY SCHOOLS

2023 / 2024

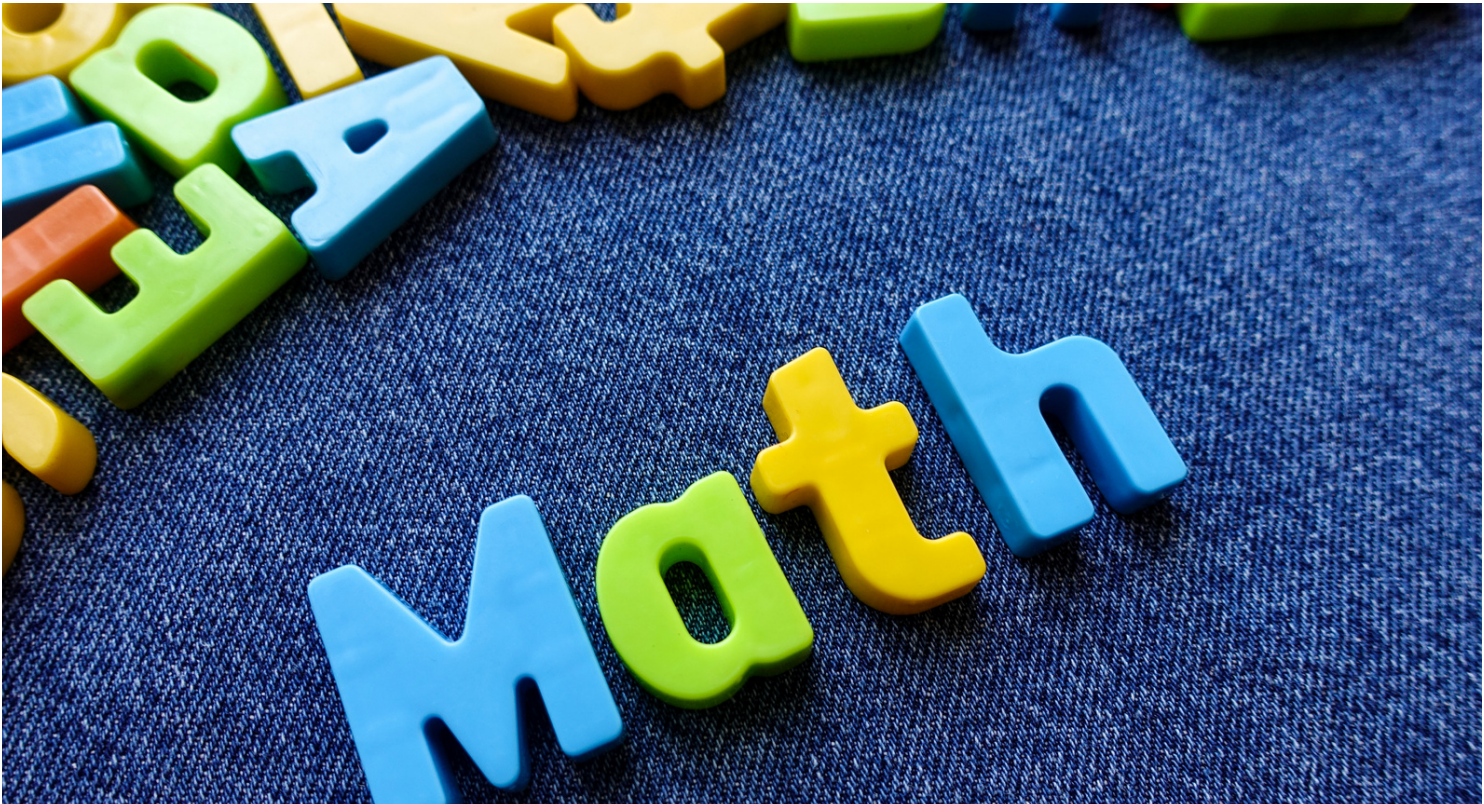


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# Forward

Florida Law requires school districts to identify and provide immediate, tailored instruction to students in grades K-4 who exhibit a substantial deficiency in math or characteristics of dyscalculia. As such, parents are also provided with a “math-at-home plan,” which outlines strategies and resources that parents can use to help their children improve in mathematics.

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Empowering  
students,  
families, and  
communities  
to support  
student  
learning and  
growth  
through  
**RIGOR,**  
**RESILIENCY,**  
and  
**RELEVANCE.**

# Philosophy

Wakulla County's goal is that your child leave elementary school proficient and confident in his/her ability to think and reason mathematically, to communicate and represent his/her mathematical thinking, and to productively solve problems.

Mathematics knowledge and skills contribute to a child's success - both at school and in everyday life. Understanding mathematics also builds confidence and opens doors to a range of jobs and careers.

In our everyday lives, understanding mathematics enables us to:

- solve problems and make sound decisions;
- explain how we solved a problem and why we made a particular decision;
- use technology to help solve problems;
- understand patterns and trends in the world around us in order to make predictions;
- manage time and money, and handle everyday situations that involve numbers.



Your home is a great place to begin to explore and “talk” mathematics with your child. Incorporating math activities and language into familiar daily routines will show your child how math works in every day life. Play board games, solve puzzles, and ponder brain teasers with your child. Your child will enjoy these kinds of activities while enhancing his/her mathematical thinking. Point out the mathematics involved, and have your child discuss the strategies he/she used. *For more tips on helping your child success in mathematics, visit the National Council of Teachers of Mathematics at <https://www.nctm.org/crcc/>.*



# Grade 5





# FLORIDA STANDARDS

## COLLEGE & CAREER READY

### PARENT GUIDE FOR GRADE 5 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 **fifth 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 fifth grade—along with some important additional skills. **Fifth grade** students are learning these types of lessons:

- Using parentheses, brackets or braces in numerical expressions, and evaluating expressions with the following symbols.

$$(3+a)-5=2$$

- Recognizing that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.

- Using place value, understanding to round decimals to any place.

26.49

- Measuring volumes by counting unit cubes, using cubic centimeter, cubic feet and improvised units.

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



Download the complete Mathematics Florida Standards for Grade 5 at [www.flstandards.org](http://www.flstandards.org)

#FLStandards  
Join the conversation



Developed by the Florida Department of Education

## 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 fifth 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?

If you are concerned that your child is struggling with math, don't postpone talking with his/her teacher. Open the conversation by asking if the teacher has observed any signs of confusion or frustration. Ask if your child has mastered addition, subtraction, multiplication and division of decimals and is competent adding and subtracting fractions.

Help your child engage in "productive struggle," or, in other words, keep going if a math task seems to take too long or be too hard. Encourage honest effort, praise him/her for persevering and share in the satisfaction of eventual success.

## 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:



Ask your child to keep track of his/her allowance over time—to keep a record of how money has been received, spent and/or how much has been saved for future use. Be sure your child is using decimals to denote dollars and cents.



When filling the gas tank, have your child observe how gallons of gas accumulate and correspond to cost in dollars and cents. Ask your child to use division and calculate the cost per gallon.



When shopping at the grocery store have your child hunt for the lowest unit prices for a product you're purchasing.



Search newspapers and magazines or the internet for charts, tables, graphs and especially "infographics" that contain numerical information. Discuss specific information with your child.



Investigate problem sets, games and brain teasers from the National Council of Teachers of Mathematics (NCTM) at [illuminations.nctm.org](http://illuminations.nctm.org).



Find the locations of sites of interest on a road map or atlas using the coordinates from the map.

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](http://www.flstandards.org)

Questions? Contact [JustforParents@fldoe.org](mailto:JustforParents@fldoe.org)

**FLORIDA STANDARDS**  
COLLEGE & CAREER READY

**Florida PTA**  
everychild.onevoice.<sup>®</sup>  
[www.floridapta.org](http://www.floridapta.org)



# Grade 5 Mathematics Resources Toolkit



The Grade 5 Mathematics Resource Toolkit is intended to provide recommended guidance to parents in assisting their child with the Florida Benchmarks for Excellent Student Thinking (B.E.S.T.) Standards. This resource toolkit includes Grade 5 standards information and resources related to the Grade 5 curriculum to aid in preparing your child for the Mathematics Florida Assessment of Student Thinking (FAST) Assessment.

## Grade 5 Mathematics Resources

This section features links to resources and tools to allow you to assist your child at home.

### Student and Parent Resources

- [Grade 5 FLDOE Instructional Resource Math Toolkit Videos](#)
- [Grade 5 Mathematics Florida Students Resources](#)

### [Grade 5 Mathematics Course Description](#)

Course descriptions provide an overview of the required standards for the course. The Grade 5 mathematics course description includes resources for all 51 standards within the Grade 5 mathematics course.

### [Florida Department of Education: Students & Families Resources](#)

General information and resources about the Florida Assessment of Student Thinking (FAST) can be found here for students and parents.



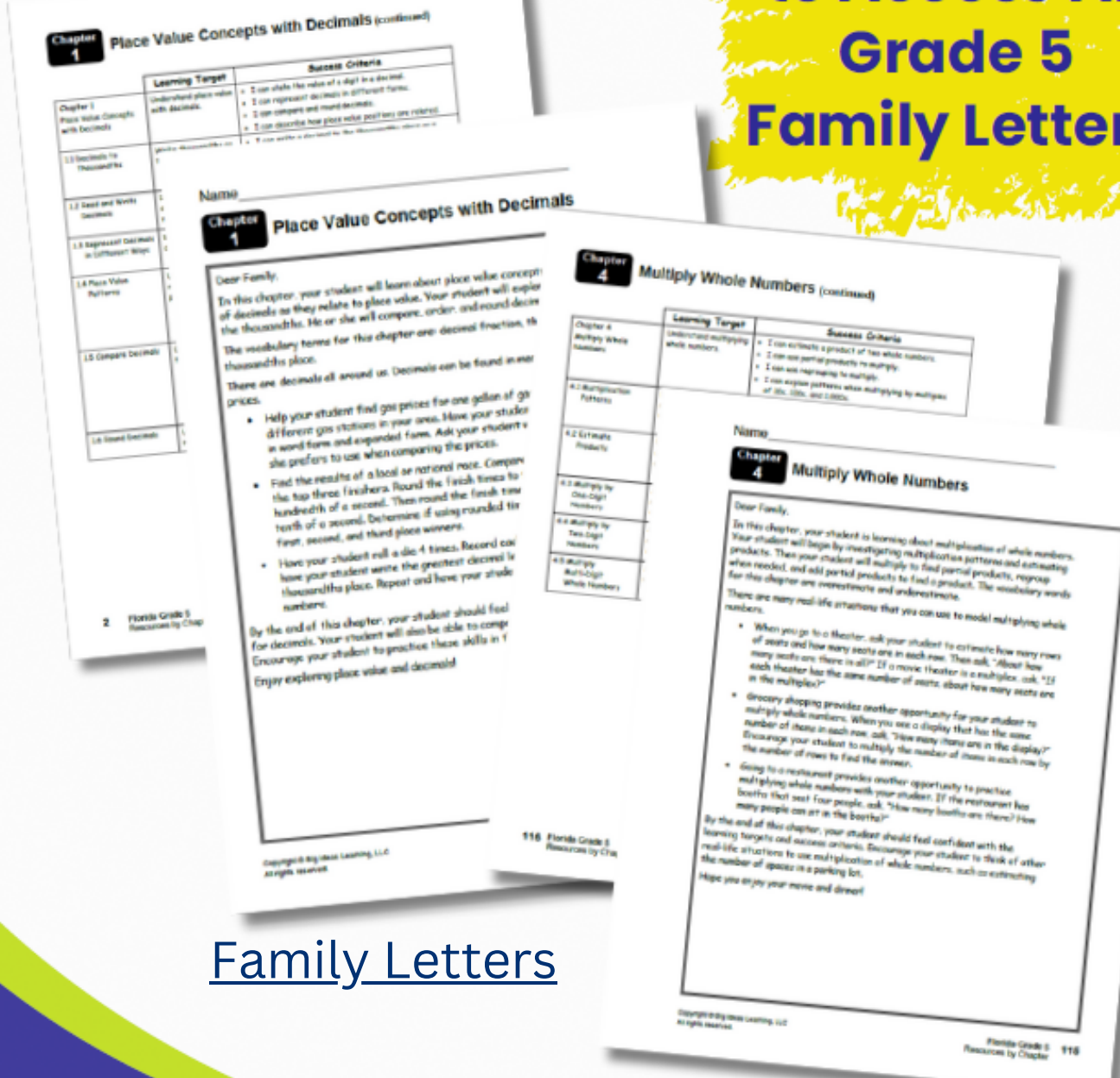


# FAMILY LETTERS

# 5

Family Letters keep the home-school connection strong by involving parents in their student's learning. Parents can easily stay up-to-date on their child's education, giving them the ability to understand concepts in a whole new way and better assist their child with practice and review for assessments.

**Click BELOW  
to Access All  
Grade 5  
Family Letters**



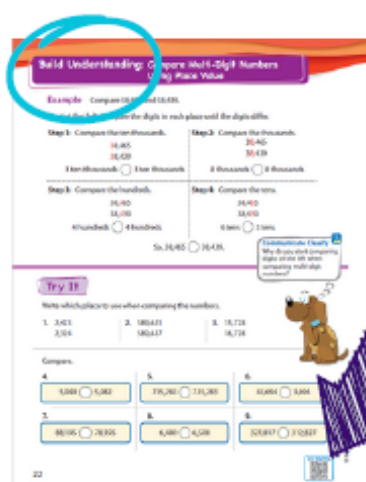
Family Letters



# Using Big Ideas Learning Homework & Practice QR Codes in Grade 5

Each Homework and Practice page has a QR Code® to link students and parents to at-home videos for each lesson. This provides access to the videos that align to the lessons, including click-through example videos.

Videos are available for **Build Understanding** and **Model Real Life** with **Extra Example Videos** sections of each lesson.



## STEP 1:

To access videos, scan the QR Code at the bottom of your child's Student Edition book.



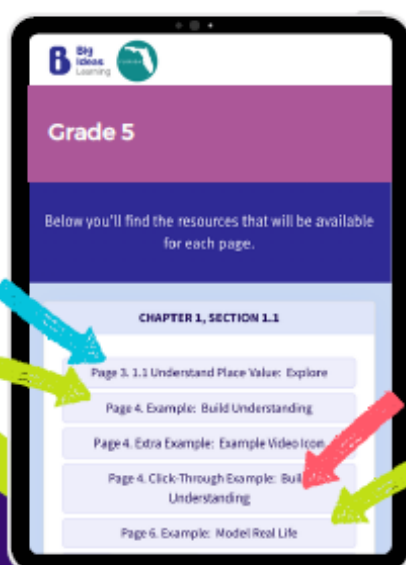
## STEP 2:

Open your cell phone camera or a QR Code scanner app. Scan QR Code at the bottom of the page.



## STEP 3:

Select **Build Understanding** or **Model Real Life** to access the videos that provide the examples from your child's class instruction. Use the **Extra Example Videos** should you need additional support or further math skills clarification.





# 5 SKILLS REVIEW HANDBOOK

Skills Review activities provide practice for grade level appropriate skills. This ensures students are solid on basic concept understanding. An Answer Key is provided for each activity below in addition to links to interactive games.

**NOTE: Only grade-level specific topics are listed below**

## Topic 5: Number Properties

- ▶ 5.6 Order of Operations  
[Activity](#)   [Answers](#)

## Topic 8: The Coordinate Plane

- ▶ 8.1 The Coordinate Plane: First Quadrant  
[Activity](#)   [Answers](#)
- ▶ 8.4 Line Graphs  
[Activity](#)   [Answers](#)

## Topic 10: Operations with Fractions

- ▶ 10.3 Adding and Subtracting Fractions with Unlike Denominators  
[Activity](#)   [Answers](#)
- ▶ 10.5 Multiplying Fractions  
[Activity](#)   [Answers](#)

## Topic 10: Operations with Fractions, cont'd

- ▶ 10.6 Dividing Whole Numbers and Fractions  
[Activity](#)   [Answers](#)
- ▶ 10.7 Dividing Fractions  
[Activity](#)   [Answers](#)

## Topic 11: Mixed Numbers

- ▶ 11.3 Multiplying Mixed Numbers  
[Activity](#)   [Answers](#)
- ▶ 11.4 Dividing Mixed Numbers  
[Activity](#)   [Answers](#)

## Topic 12: Decimals

- ▶ 12.1 Decimal Place Value  
[Activity](#)   [Answers](#)
- ▶ 12.4 Rounding Value  
[Activity](#)   [Answers](#)



**MORE TOPICS  
ON NEXT PAGE**



# 5 SKILLS REVIEW HANDBOOK, cont'd

Skills Review activities provide practice for grade level appropriate skills. This ensures students are solid on basic concept understanding. An Answer Key is provided for each activity below in addition to links to interactive games.

**NOTE: Only grade-level specific topics are listed below**

## Topic 13: Operations with Decimals

### ▶ 13.1 Estimating Decimal Sum and Differences

[Activity](#)   [Answers](#)

### ▶ 13.2 Adding and Subtracting Decimals

[Activity](#)   [Answers](#)

### ▶ 13.3 Multiplying Decimals

[Activity](#)   [Answers](#)

### ▶ 13.4 Dividing Decimals

[Activity](#)   [Answers](#)

## Topic 26: Three Dimensional Shapes & Surface Area

### ▶ 26.2 Faces, Edges and Vertices

[Activity](#)   [Answers](#)

## Topic 27: Volumes of Solids

### ▶ 27.2 Volumes of Rectangular Pyramids

[Activity](#)   [Answers](#)

## Topic 23: Two-Dimensional Shapes

### ▶ 23.2 Classifying Triangles

[Activity](#)   [Answers](#)

### ▶ 23.3 Classifying Quadrilaterals

[Activity](#)   [Answers](#)



## GAMES

Topic 5:  
Expression BOSS  
[Click to Play](#)

Topic 10: Fraction  
Connection - Division  
[Click to Play](#)

Topic 10: Fraction  
Connection - Multiplication  
[Click to Play](#)

Topic 13: Multiplication  
Race Around the World  
[Click to Play](#)

Topic 10: Mixed Number  
Subtract & Add  
[Click to Play](#)

Topic 13:  
Decimal Dots  
[Click to Play](#)

[Click Here to Access Active Links](#)





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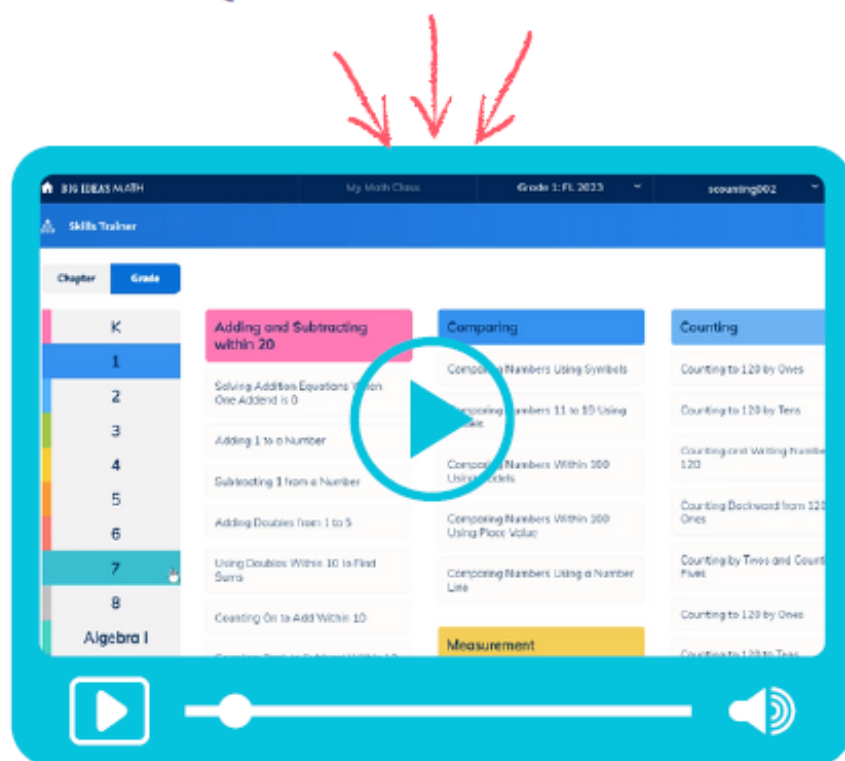
# SKILLS TRAINER

Skills Trainer is a built-in program that provides ample opportunities for students to practice and achieve fluency in skills from prior grades.

Ready for the bonus? Skills Trainer does not have to be assigned by a teacher because students have full access to every skill along with unlimited practice opportunities.

## Learn how to access Skills Trainer from the Student Account.

Scan QR Code Below to Access Video



SCAN ME