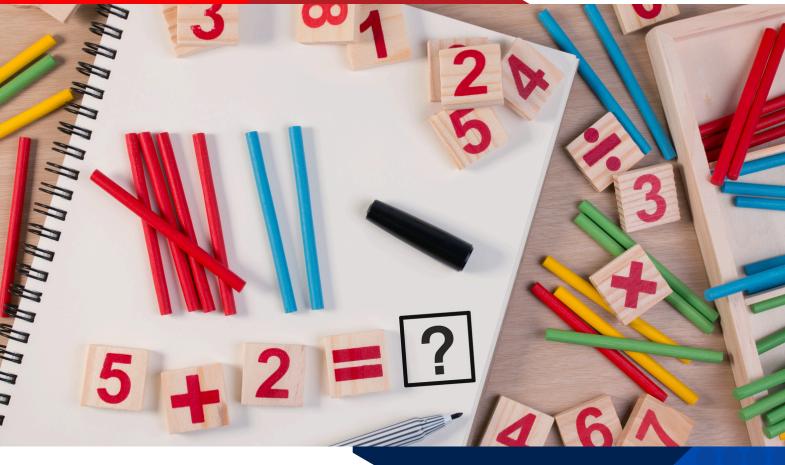
Second Grade





GRADES K-5

MATH-AT-HOME PLAN

WAKULLA COUNTY SCHOOLS

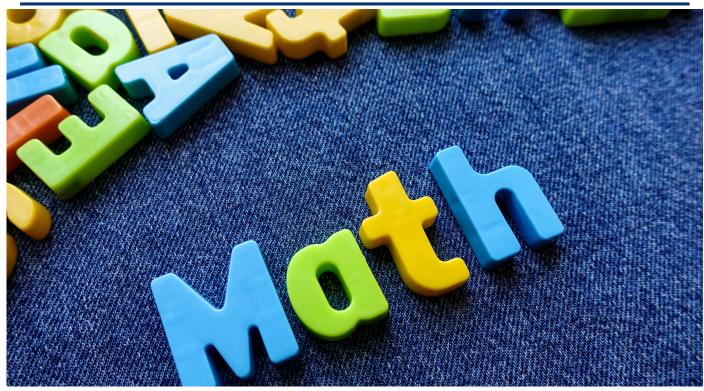
2024 / 2025

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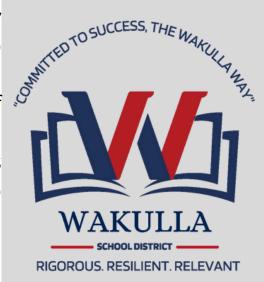
The Math-At-Home Plan is accessible through the Wakulla County School District website.

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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.



Instructional Services Supervisors

Priscilla Colvin	Executive Director of Academics
<u>Holly Harden</u>	Director of Curriculum
Nicholas Weaver	Director of Student Services & Discipline

Elementary Administrators

Alena Crawford	Crawfordville Elementary School
Stanley Ward	Medart Elementary School
Catherine Cutchen	Riversink Elementary School
Tim Wheeler	Shadeville Elementary School

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 "talk" mathematics with your 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 Mathematics** at https://www.nctm.or/crcc/.

FDOE Mathematics-At-Home Plan Resources



MATHEMATICS-AT-HOME PLAN RESOURCES

A mathematics-at-home plan is required to be provided to parents of any student in a Voluntary Prekindergarten (VPK) Education Program provided by a public school who exhibits a substantial deficiency in early mathematics skills and any K-4 student who has been identified with a substantial deficiency in mathematics as stated in Rule 6A-6.0533, Florida <a href="Administrative Code (F.A.C.), Deficiency.

The Florida Department of Education has compiled resources that each district must include in a mathematics-at-home plan provided to the parent of a student who is identified as having a substantial mathematics deficiency. A home-based plan includes information and resources connected to the areas of emphasis for each grade level. These resources are available in an electronic format that is accessible online, and a hardcopy of such resources must be provided by the school upon parent request. To access these resources digitally, click on each link provided.

This document is intended to be utilized in conjunction with each district-supplied mathematicsat-home plan as required by Section (s.) 1008.25(6), Florida Statutes (F.S.).

FLORIDA'S BENCHMARKS FOR EXCELLENT STUDENT THINKING STANDARDS Mathematics-at-Home Plan Resources

Supports for Parental Involvement

The Benchmarks for Excellent Students Thinking (B.E.S.T.) Standards for Mathematics constitute the foundational mathematical benchmarks for Florida students, serving to ensure the delivery of a world-class education that prepares students for prosperous futures in college, military and career opportunities. Parental involvement is an important part of a student's education. To foster a collaborative and supportive educational environment, the Florida Department of Education has implemented comprehensive measures to engage parents of students, including those who have been identifies as having a deficiency in mathematics. Recognizing the importance of family engagement in a student's educational journey, dedicated Parent Guides have been crated to provide families with insights into the B.E.S.T. mathematics Standards. For more information, please visit https://www.fldoe.org/academics/standards/subject-areas/math-science/mathematics/parent-resources.stml

Mathematics Deficiency and Parental Notification

Any student in a VPK Education Program provided by a public school who exhibits a substantial deficiency in early mathematics skills and any student in kindergarten through grade 4 who exhibits a substantial deficiency in mathematics or the characteristics of dyscalculia based upon screening, diagnostic, progress monitoring or assessment data; statewide assessments; or teacher observations must:

- Be provided systematic and explicit mathematics instruction through daily targeted small group mathematics intervention or supplemental, evidencebased mathematics interventions before or after school, or both, delivered by a highly qualified teacher of mathematics or a trained tutor.
- The student's performance must be monitored and adjusted based on student need, until the students demonstrates grade level proficiency in a manner determined by the district.

Parents will immediately receive notification in writing:

- That his or her child has been identified as having a substantial deficiency in mathematics, including a description of the deficiency.
- Explanation of the exact nature of the student's difficulty in learning and lack of achievement in mathematics.
- Description of the current services that are provided.
- Description of the proposed intensive interventions and supports that will be provided to the child that are designed to remediate the identified area of mathematics deficiency and timely updates.
- Strategies through a home-based plan the parent can use in helping his or her child succeed in mathematics, including access to resources.

School Choice

Florida recognizes the significant role education plays in a child's life along with the right of parents to find the best education for their child. The Office of Independent Education and parental Choice supports quality public and private education choice programs. Within this expansive framework, parents can navigate through an array of educational choices, ensuring a tailored approach that aligns with the unique learning requirements of their children. This includes access to scholarships, private and charter schools, reflecting the commitment of Florida to provide a comprehensive spectrum of educational opportunities. The Office of Independent Education and Parental Choice is a valuable repository of information regarding education options. For more information, please visit https://www.fldoe.org/schools/school-choice/.

Division of Early Learning

Early education can be an important time during a student's educational career. In partnership with 30 early learning coalitions and the Redlands Christian Migrant Association, the Division of Early Learning oversees three programs: School Readiness, VPK and Child Care Resource and Referral. These programs collectively play a role in shaping the early educational experiences of students, laying a foundation for future academic success. Parents can access resources that will help them choose the right provider for their child and family. For more information, please visit https://www.fldoe.org/schools/early-learning/parents/.

Military Families

Florida hosts the 5th largest population of active-duty service personnel spanning all five branches of the United States Military. A dependent child of an active member of the armed forces may be eligible for educational opportunities under either branch of the Family Empowerment Scholarship Program (see s.1002.394.F.S.). Families may receive financial assistance for tutoring and access to added education options, such as transportation, private school or other customized learning services and materials for students as young as 3 years of age. For more information, please visit https://www.fldoe.org/schools/school-choice-options/military-families/.

Identifying and Evaluating a Student for Exceptional Student Education

When a parent or caregiver is concerned about a student who is performing significantly below grade level expectations or suspects that a student may have a disability, consider the following information:

- A medical diagnosis alone is insufficient to determine eligibility for exceptional student education. It is additional information that can be considered when collecting and reviewing student-specific data (information).
- Based on federal regulations, after completing the administration of assessments and other evaluation measures, the school district and a group of qualified professionals consisting of the parent and school staff determine if the child meets eligibility criteria for a disability category (Title 34, s.300.306, Code of Federal Regulations).
- If a parent submits documentation from a licensed psychologist or licensed school psychologist (Chapter 490, Florida Statutes) that demonstrates that a student has been diagnosed with dyscalculia and also identifies the student's specific areas of difficulty, then evidence-based interventions must be initiated upon receipt of that documentation (see s.1108.25(6).F.S.).

The <u>Bureau of Exceptional Education and Student Services</u> provides resources to guide parents, teachers and caregivers through the process of identifying and evaluating a student who is suspected of being a student with a disability and in need of exceptional student education and related services.

Characteristics of Specific Learning Disability

Specific Learning Disability is a term that describes an Exceptional Student Education eligibility category that refers to learning disorders that can affect a student's ability to read, write, listen, speak, reason and apply basic math skills. Rule 6A-6>03018, F.A.C., Exceptional Education Eligibility for Students with Specific Learning Disabilities, defines a specific learning disability as "a disorder in one or more of the basic learning processes involved in understanding or in using language, spoken or written, that may manifest in significant difficulties affecting the ability to listen, speak, read, write, spell or do mathematics." Dyscalculia is included among the "associated conditions" of a specific learning disability.

Dyscalculia is a specific learning disability in mathematics. It affects areas of the brain that deal with number-related skills and understanding. The primary characteristics of dyscalculia could include the following: number sense, memorization of math facts, calculation and mathematical reasoning. When determining if a student exhibits characteristic(s) of dyscalculia, at least one of these characteristics should have persisted for at least six months despite interventions, and skills should be substantially below those expected for grade level.

Prekindergarten and Kindergarten Grades 1-4 Building a solid foundation in As mathematics learning continues through the elementary grades, students mathematics involves many different with learning disabilities may have difficulty: skills. Young children/students with learning disabilities may have difficulty: Doing simple calculations from memory. Solving basic math problems using addition, subtraction, multiplication Recognizing numbers and matching. and division. numbers with amounts (e.g., Figuring out how to apply their knowledge and skills to solve math. connecting the number 3 to that problems. many objects in front of them). Recognizing and using number lines. Sorting objects by shape, size or Learning to use money (i.e., coins or bills). Reading an analog clock. Recognizing groups and patterns. Retaining basic math facts (e.g., memorizing multiplication tables). Comparing and contrasting using Understanding place value, often putting numbers in the wrong column. concepts like smaller/bigger or Understanding word problems or more advanced symbols (i.e., > taller/shorter. meaning "greater than" or < meaning "less than"). Organizing numbers, such as largest Organizing numbers by scale (10s, 100s, 1,000s) or decimal place (0.1, to smallest or first to last. 0.01, 0.001). Understanding what is written on a board or in a textbook due to visualspatial difficulties.

For more information, please visit https://www.fldoe.org/academics/exceptional-student-edu/ese-eligibility/specific-learning-disabilities-sld/index.stml.

New Worlds Scholarship Account

The New Worlds Scholarship Account provide \$1,200 scholarships to eligible VPK-5 students who:

- show a substantial deficiency in early literacy or early mathematics skills,
- show a substantial deficiency in reading or mathematics,
- exhibit characteristics of dyslexia or dyscalculia, or
- score below a level 3 on the most recent statewide, standardized English Language Arts (ELA) or mathematics assessment.

The program offers parents/ guardians access to education savings accounts to pay for tuition and fees related to part-time tutoring, summer and after-school literacy or mathematics programs, and instructional materials. Your child may be eligible for a New Worlds Schoolarship Account. For more information, please visit https://www.fldoe.org/schools/school-choice/k-12-scholarship-programs/reading/.

English Language Learners

English Language Learners (ELLs) have a wide variety of supports available to increase essential performance in mathematics. Recognizing the unique needs of ELLs, each LEA has crafted an individualized English Language Learner Plan, which serves as a strategic blueprint outlining targeted strategies and valuable resources aimed at fostering the academic success of ELLs. More information may be found at https://www.fldoe.org/academics/eng-language-learners/index.stml.

Overview of Assessment Types

As students progress from kindergarten, they should be steadily developing the skills needed to become grade-level mathematicians. While students are learning to do math, educators and parents can monitor students to see if they are on track with grade-level expectations. Florida uses various types of assessments to monitor students' progress in mathematics.

ASSESSMENT	PURPOSE
Screening	The purpose of screening is to identify the likelihood (probability) of risk or success in mathematics achievement. Educators can also use screening to measure the effectiveness of Tier 1, or core, instruction in the classroom and identify students needing more intensive interventions and supports (Tier 2 and 3 supports).
Progress Monitoring	The purpose of progress monitoring is to determine whether students are learning the skills taught throughout the school year. Progress monitoring can be done at the state level or the local level. Progress monitoring can also be referred to as interim assessments.
Diagnostic	The purpose of a diagnostic assessment is to identify a student's strengths and weaknesses for students identified as at-risk on a screening assessment.
Formative	The purpose of formative assessments is to monitor student learning to provide ongoing feedback that can be used by educators to identify the current state of the learner's knowledge and skills. More specifically, educators can use formative assessment on a regular basis to monitor student learning and adjust their current instruction to meet the needs of the learner in real time.
Summative	The purpose of summative, or outcome, assessments is to evaluate students' performance relative to a set of content standards generally administered at the end of the school year.

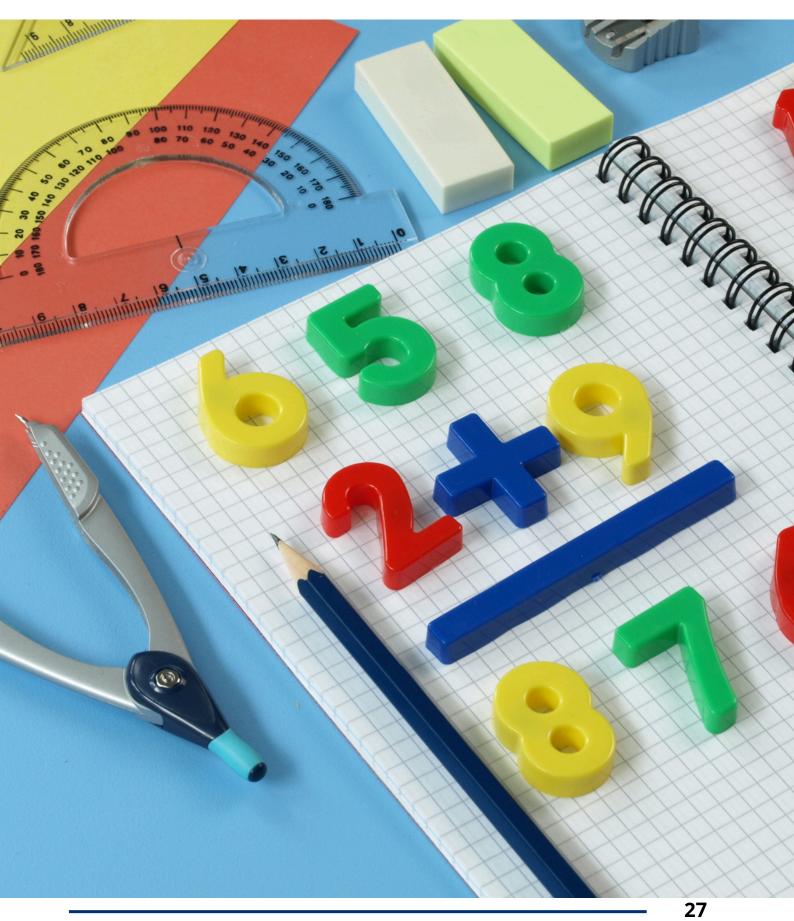
Statewide Mathematics Assessments

All Florida students participate in the state's assessment and accountability system. The primary goals of these assessments is to provide information about student learning in Florida, as required by Florida law (see s.1008.22.F.S.).

- Coordinated Screening and Progress monitoring System: Also known as the Florida Assessment of Student Thinking (FAST), these assessments provide information in mastering grade-level standards for PreK-8 and provide information on students' progress to parents, teachers and school and program administrators. FAST assessments are administered during three Progress Monitoring (PM) windows: *For grades 3-8 FAST mathematics PM3: In accordance with s.1008.22(3)(a),F.S., PM3 will be considered the statewide, standardized assessment in mathematics and will be used for accountability purposes.
- Florida Alternate Assessment (FAA): The FAA is aligned with Access Points Alternate Academic Achievement Standards (AP-AAAS). AP-AAAS reflects the
 most salient content of Florida's statewide academic achievement standards
 that apply to all students in the same grade. Students with a most significant
 cognitive disability who meet the criteria in the Rule 6A-1.0943.F.A.C., Statewide
 Assessment for Students with Disabilities, may participate in the FAA if their
 individual educational plan team determines it is the most appropriate
 assessment option.

For more information regarding FAST assessments, please visit https://www.fldoe.org/accountability/assessments/k-12-student-assessment/best/ For resources realted to FAST assessments, visit https://flfast.org/fast.html.

Grade 2



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

#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 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







Grade 2 Mathematics Resources Toolkit



The Grade 2 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 2 standards information and resources related to the Grade 2 curriculum to aid in preparing your child for the Mathematics Florida Assessment of Student Thinking (FAST) Assessment.

Grade 2 Mathematics Resources

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

Student and Parent Resources

- Grade 2 FLDOE Instructional Resource Math Toolkit Videos
- Grade 2 Mathematics Student Resources
- Renaissance Star Sample Test Items

Grade 2 Mathematics Course Description

Course descriptions provide an overview of the required standards for the course. The Grade 2 mathematics course description includes resources for all 42 standards within the Grade 2 mathematics course.

Information retrieved from fldoe.org and cpalms.org

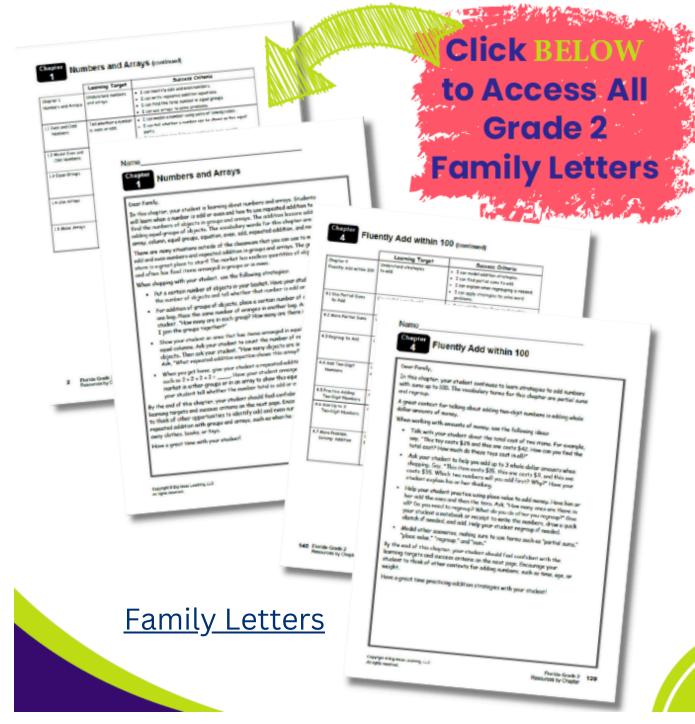
Big Ideas Learning



FAMILY **LETTERS**



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.



Big Ideas Learning



Using Big Ideas Learning Homework & Practice

QR Codes in Grade 2

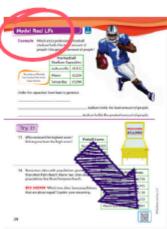
Each Homework and Practice page has a QR Code® to link students and parents to at-home videos for each lesson. This provides access to the videos that align to the lessons, including click-through example videos.

Homework & Practice videos are available for Build Understanding and Model Real Life sections of each lesson.



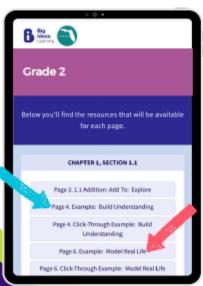
STEP 1:

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 remaining links should you need additional support or further math skills assistance.



SKILLS REVIEW HANDBOOK

Skills Review activities provide practice for grade level appropriate skills. This ensures students are solid on basic concept understanding. For your convenience, an Answer Key is provided for each activity and links to interactive games.

NOTE: Only grade-level specific topics are listed below

Topic 1: Whole Numbers

- 1.2 Writing Numbers
 Activity Answers
- 1.4 Comparing Whole Numbers
 Activity Answers
- 1.6 Rounding Whole Numbers
 Activity Answers

Topic 2: Adding and Subtracting Whole Numbers

- 2.1 Adding within 100 Activity Answers
- 2.3 Subtracting within 100
 Activity Answers
- 2.5 Adding and Subtracting
 Multi-Digit Numbers
 Activity Answers
- 2.6 Estimating Whole Number
 Sums and Differences
 Activity Answers

Topic 21: Time and Money

22.3 A.M. and P.M. <u>Activity</u> <u>Answers</u>

Topic 22: Data Analysis

22.2 Bar Graphs
Activity Answers

Topic 23: Two-Dimensional Shapes

- 23.1 Identifying Two-Dimensional Shapes Activity Answers
- 23.4 Line Symmetry
 Activity Answers

Topic 24: Perimeter and Area

- 24.1 Finding Perimeter
 Using Grids
 Activity Answers
- 24.4 Finding Perimeter
 Activity Answers

GAMES

Topic 1: Whole Numbers
Flip and Find
Click to Play

Topic 1: Whole Numbers
Number Boss
Click to Play

Solve and Cover - Addition

Click to Play

Topic 2: Three in a Row - Subtraction Click to Play Topic 21: Time & Money Flip and Find Click to Play



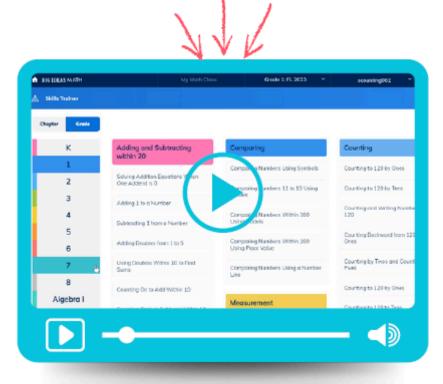


Skills Trainer is a built-in program that provides ample opportunities for students to practice and achieve fluency in skills from prior grades.

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





Equity Policy

The School Board of Wakulla County, Florida does not discriminate in admission or access to, or treatment or employment in, its programs and activities on the basis of race, color, religion, age, sex, national origin, marital status, disability, genetic information for applicants and employees, or any other reason prohibited by Federal and State law regarding non-discrimination. See 34 C.F.R. 100.6(d); 34 C.F.R. 106.9; 34 C.F.R. 110.25. In addition, the School Board provides equal access to the Boy Scouts and other designated youth groups. This holds true for all students who are interested in participating in educational programs and/or extracurricular school activities. See 34 C.F.R. 108.9. Disabled individuals needing reasonable accommodations to participate in and enjoy the benefits of services, programs, and activities of the School Board are required in advance to notify the administrator at the school/center at which the event or service is offered to request reasonable accommodation. The lack of English language skills will not be a barrier to any opportunity or event associated with Wakulla County Schools. The designated Equity Coordinator, Title IX and Section 504 Compliance Coordinator as required by 34 C.F.R. 100.6(d) is Lori Sandgren Director of Human Resources, 69 Arran Road, Crawfordville, Florida 32327; 850.926.0065; Lori.Sandgren@wcsb.us

