



B.E.S.T.
Standards for
MATH
Grades K–5

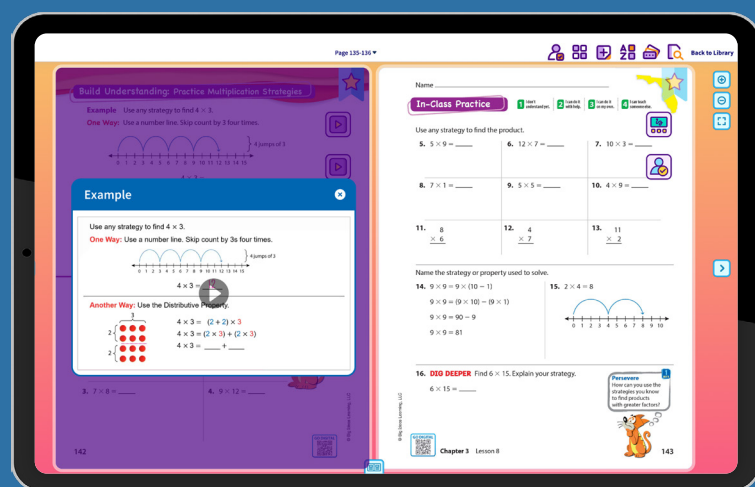


A K–12 Program Built for Florida

Big Ideas Learning’s entirely NEW *Florida’s B.E.S.T. Standards for MATH* program empowers Florida educators and ignites student learning from kindergarten through high school (K–12).

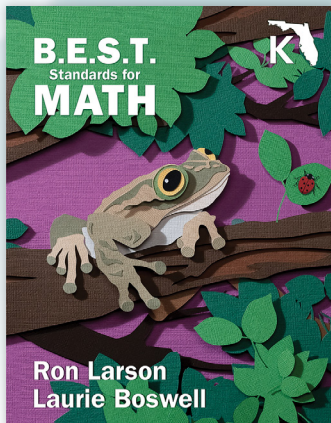
Florida’s B.E.S.T. Standards for MATH was developed through a rich collaboration with Florida-based math education experts and explicitly adheres to the Florida’s B.E.S.T. Standards for Mathematics. The Student and Teaching Editions feature each Florida benchmark to make the expectations clear for both students and teachers. The integration of the Mathematical Thinking and Reasoning Standards (MTRs) fosters student achievement and provides teachers with the instructional guidance needed to reach all students.

Using the latest educational research, the program incorporates strategies that are proven to have the highest impact on student achievement, while supporting the B.E.S.T. Standards. This instructional approach forms a clear, concise, and comprehensive, vertically aligned solution to help accelerate learning for *all* Florida students.

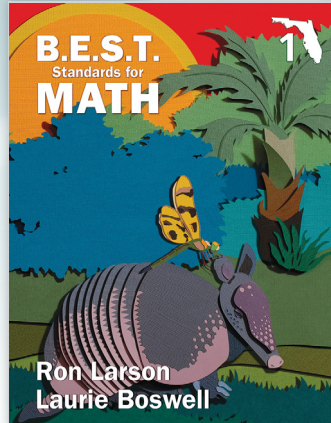


Coherent K–12 Progression from a Single Authorship Team

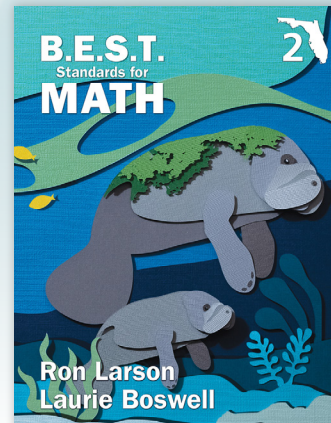
Written by a renowned, single authorship team, the program provides a cohesive, coherent, and rigorous mathematics curriculum that encourages students to become strategic thinkers and problem solvers.



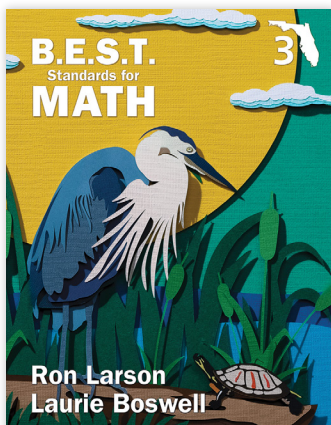
GRADE K



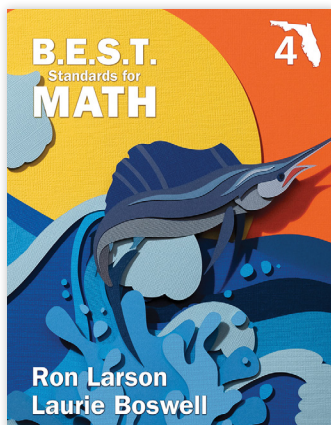
GRADE 1



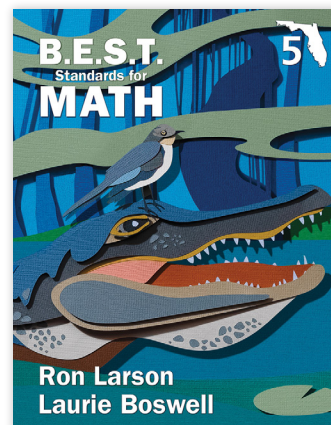
GRADE 2



GRADE 3



GRADE 4



GRADE 5



Ron Larson, Ph.D.

"Laurie Boswell and I wholeheartedly endorse Florida's Benchmarks for Excellent Student Thinking (B.E.S.T.) Standards. When these standards were announced, we immediately went to work to write and develop a program that embraces the Florida B.E.S.T. Standards. We are confident that Big Ideas Learning's all-new K–12 program written specifically for Florida will represent a new level of achievement and understanding in mathematics education."



Laurie Boswell, Ed.D.

"We developed our new K–12 program to support teacher implementation of Florida's Benchmarks for Excellent Student Thinking (B.E.S.T.) Standards. The alignment with the B.E.S.T. Standards and the integration of the Mathematical Thinking and Reasoning Standards will ensure that all students engage with mathematics in meaningful ways that promote a deeper learning and understanding of mathematics."

Integrated Mathematical Thinking and Reasoning

Florida's B.E.S.T. Standards for MATH encourages students to think deeply about concepts and develop mathematical mindsets with student-facing **Mathematical Thinking and Reasoning (MTR)** questions. Newton and Descartes, helpful math assistants seen throughout the program and in Math Musicals, help students learn, demonstrate and self-assess their understanding of the MTRs. With Newton and Descartes, students can consciously learn, demonstrate, and self-assess their understanding of the MTRs. Call outs and labels throughout the Student Edition make it easy for students to identify which MTRs they are addressing. Additionally, teachers have access to valuable MTR support at point of use in the **Teaching Edition** through **Laurie's Notes**.

Build Understanding

$38 + 5 = \underline{43}$

Tens	Ones

When there are 10 or more ones, make a 10.

Make a 10?

☒ Yes ☐ No

$25 + 4 = \underline{29}$

Tens	Ones

Analyze a Problem
Why don't you need to make a 10 here?

Make a 10?

☐ Yes ☒ No

MTR 1.1

Students **actively participate in effortful learning** by maintaining a positive mindset, persevering, asking questions, and helping each other.

2
MTR

3. Another Way Color to show thirds another way.

MTR 2.1

Students **demonstrate understanding by representing problems in multiple ways** through modeling, and progress from choosing representations to using algorithms and equations.

3
MTR

6. DIG DEEPER Use the number line to find the sum.

Adapt a Procedure
How does switching the order of the addends help?

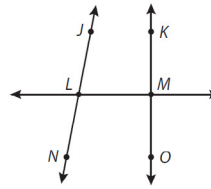
$6 + 45 = \underline{\quad}$

MTR 3.1

When students **complete tasks with mathematical fluency**, they select efficient methods, complete tasks accurately, and use feedback to improve efficiency.

8. Construct an Argument All perpendicular lines are also intersecting lines. Are all intersecting lines perpendicular? Explain.

9. You Be the Teacher Your friend says that JN and KO are parallel because they do *not* cross. Is your friend correct? Explain.



Use Math Tools
How can you use a straightedge to help you solve?



MTR 4.1

Students who **engage in discussions that reflect on the mathematical thinking** construct arguments and communicate mathematical ideas effectively.

5. Structure The ordered pairs (3, 2), (6, 4), and (9, 6) relate the number of avocados to the number of tomatoes in a guacamole recipe. Use the relationship to complete the table.

Batches	1	2	3	...	12
Avocados	3			...	
Tomatoes	2			...	

Avocados were once called "alligator pears" because of their bumpy, green skin.



Explore

Estimate
Should the sum be greater than or less than 33? Why?

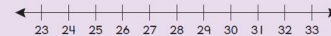


Use two different models to find the sum.

Use base ten blocks.

$$23 + 9 = \underline{\quad}$$

Use a number line.



$$23 + 9 = \underline{\quad}$$

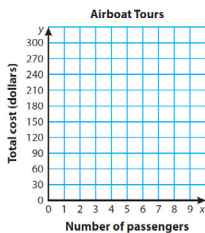
MTR 5.1

Students **use patterns and structure to help understand and connect mathematical concepts** by focusing on details, finding logical order, or breaking down a problem into smaller parts.

Model Real Life

Example The table shows the relationship between the number of airboat passengers and the total cost. Complete the table. Then plot the ordered pairs from the table. What do you notice?

Number of Passengers	Rule:	Total Cost (dollars)
2		60
5		150
6		
		240



MTR 6.1

When students **assess the reasonableness of solutions**, they are developing a habit of checking their calculations when solving problems.

MTR 7.1

Students who **apply mathematics to real-world contexts** connect concepts to everyday experiences and use models and methods to understand, represent, and solve problems.

Get your free MTR classroom poster!



Scan Me!



Focus and Coherence Geared Toward Fluency

Focus on Florida Benchmarks

By showcasing the precise language of the Florida benchmarks, **Learning Targets** and **Success Criteria** support and align to those Florida-specific expectations, giving students clarity around lesson goals.

Learning Target: Solve word problems involving numerical data.

Success Criteria:


- I can understand a problem that involves numerical data.
- I can make a plan to solve.
- I can solve a problem.

13.6
Problem Solving: Numerical Data

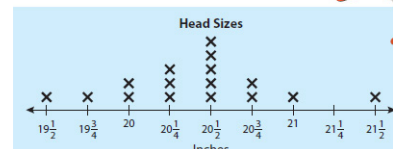
Name _____

word problems
em that involves
E.

players on a baseball team are
plot. Describe a method for
in of the team that has a head size
greater than $19\frac{1}{2}$ inches and less than $20\frac{1}{2}$ inches.



Head Sizes



Inches

Construct an Argument How do data displays, such as line plots and stem-and-leaf plots, help answer questions involving data?

Analyze a Problem What do you need to know to solve?

Data Analysis and Probability
MA.4.DP.1.3: Solve real-world problems involving numerical data.

Data Analysis and Probability
MA.4.DP.1.3: Solve real-world problems involving numerical data.

Chapter 13 Lesson 6 697

Coherence of B.E.S.T. Progressions

A seamless progression of topics within and between grades creates a coherent curriculum for students and guarantees topics are not taught in isolation.

Progressions

COHERENCE Through the Grades		
Kindergarten	Grade 1	Grade 2
<ul style="list-style-type: none"> MA.K.NS0.1.4 Compare the number of objects from 0 to 20 in two groups using the terms less than, equal to, or greater than. MA.K.NS0.2.3 Locate, order, and compare numbers from 0 to 20 using the number line and terms less than, equal to, or greater than. 	<ul style="list-style-type: none"> MA.1.NS0.1.3 Compose and decompose two-digit numbers in multiple ways using tens and ones. MA.1.NS0.1.4 Compare numbers within 100 using place value, symbols, and number lines. MA.1.NS0.2.3 Identify the number that is one more, one less, ten more, and ten less than a given two-digit number. 	<ul style="list-style-type: none"> MA.2.NS0.1.2 Compose and decompose three-digit numbers in multiple ways using hundreds, tens, and ones. Demonstrate each composition or decomposition with objects, drawings, and expressions or equations. MA.2.NS0.1.3 Plot, order, and compare whole numbers up to 1,000. MA.2.NS0.2.2 Identify the number that is ten more, ten less, one hundred more, and one hundred less than a given three-digit number.

Fluency to Support Rigor

Florida's B.E.S.T. Standards for MATH helps teachers close the rigor gap by empowering students to grow and thrive in their unique scholastic ways. In every lesson, students engage in all aspects of rigor: conceptual understanding, procedural fluency, and application.

Build Understanding

$29 + 5 = ?$

One Way:

$29 + 5 = 34$

Tens Ones

Another Way:

$29 + 5 = 34$

Compare Methods
Which strategy do you prefer? Why?

Conceptual Understanding and Procedural Fluency

Florida's B.E.S.T. Standards for MATH was purposefully and intentionally designed to meet the B.E.S.T. Standards and to help students reach automaticity.

Throughout each stage of fluency, students progress from

Stage 1 Exploration

Exploring concepts with interactive manipulatives and tools to develop conceptual understanding

Stage 2 Procedural Reliability

Independently choosing any method to solve

Stage 3 Procedural Fluency

Choosing the most efficient procedure

Name _____

Building Fluency **8**

Add. Describe your strategy.

1. $4 + 9 =$ _____

2. $15 + 3 =$ _____

Subtract. Describe your strategy.

3. _____ $= 9 - 5$

4. $16 - 4 =$ _____

Use a quick sketch to add.

5. $20 + 6 =$ _____

6. $70 + 3 =$ _____

7. $9 + 50 =$ _____

Chapter 8

Four hundred fifty-two 452

Students also get to practice with each stage of fluency in the **Building Fluency** feature, where questions are designed to meet students where they are at in their fluency journey.

Using MTR 7.1: Real-World Applications to Enhance Rigor

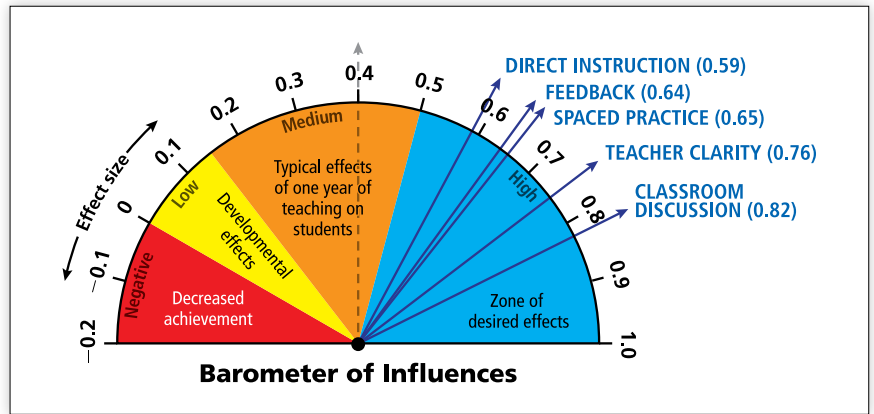
Model Real Life, Dig Deeper, STEAM Performance Tasks, and other non-routine problems help students reach deep levels of learning. With the incorporation of real-world, Florida-themed content, students are encouraged to think strategically to solidify math connections and transfer their learning to new contexts.

Model Real Life **7**

Sort the road signs into two groups by shape. What is alike and what is different between the two groups? What names can you use to classify all the road sign shapes?

Five Highest-Impact Teaching Strategies

Florida's B.E.S.T. Standards for MATH incorporates the highest-impact teaching strategies from Professor John Hattie's *Visible Learning* research. Reinforced throughout the program, these five strategies are proven to have the greatest impact on student achievement, giving all Florida students the opportunity to be successful.



Teacher Clarity

Learning Targets and **Success Criteria** are incorporated into every chapter and lesson and reflect the Florida B.E.S.T. Standards for Mathematics, allowing teachers to clearly communicate learning expectations.

Name _____

Learning Target: Describe quadrilaterals using sides and angles.

Success Criteria:

- I can use sides and angles to identify a quadrilateral.
- I can explain why a quadrilateral can have more than one name.

12.5
Describe
Quadrilaterals

Where Are We In Our Learning?

Review the learning target. "Today you learned how to add and subtract one. Turn to your partner and discuss how to add one to any number. What does this have to do with counting? Now discuss how to subtract 1 from any number. What does this have to do with counting?"

Feedback

Providing students with timely and relevant feedback is crucial for students to make connections and further their understanding. Throughout the program, students can provide feedback to determine what they are learning, where they are in the learning, and where they are going next.

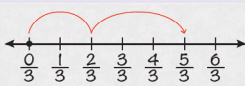
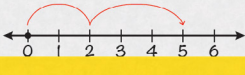
Classroom Discussion

As outlined in MTR 4.1, when students can discuss purposeful questions, they hone their ability to mathematically communicate, construct arguments, and justify conclusions. **Turn and Talk**, found in **Laurie's Notes**, allows students to frequently analyze each other's mathematical thinking.

- Display a number line model similar to the one shown. Use a piece of paper to cover the denominators so that it *appears* whole numbers are being added.

? Turn and Talk: "What does this model? How do you know?"

- Discuss students' observations. Do they notice the tick marks are equally spaced? Can they use counting or adding on to find the answer?

Direct Instruction

A hallmark of *Florida's B.E.S.T. Standards for MATH* is its explicit instructional guidance and carefully designed examples that follow exploration and help students build procedural fluency.

Build Understanding: Identify Line Symmetry

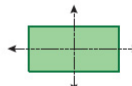
A shape has **line symmetry** when it can be folded on a line so that two parts match exactly. The fold line is called a **line of symmetry**.

Example Determine whether the shape has line symmetry.

The shape can be folded so that two parts match exactly.

The shape has _____ lines of symmetry.

So, the shape _____ line symmetry.




Example Determine whether the shape has line symmetry.

The shape cannot be folded so that two parts match exactly.

The shape has _____ lines of symmetry.

So, the shape _____ line symmetry.




Example

You want to make a dragon that is 25 feet long for a parade. You have 6 pieces of fabric that are each 5 feet long. Do you have enough fabric to make the dragon?

6×5

Model:



Review & Refresh

10. $19 - 8 = ?$

Think: $8 + \square = 19$.

So, $19 - 8 = \underline{\quad}$.

11. $14 - 6 = ?$

Think: $6 + \square = 14$.

So, $14 - 6 = \underline{\quad}$.

Spaced Practice

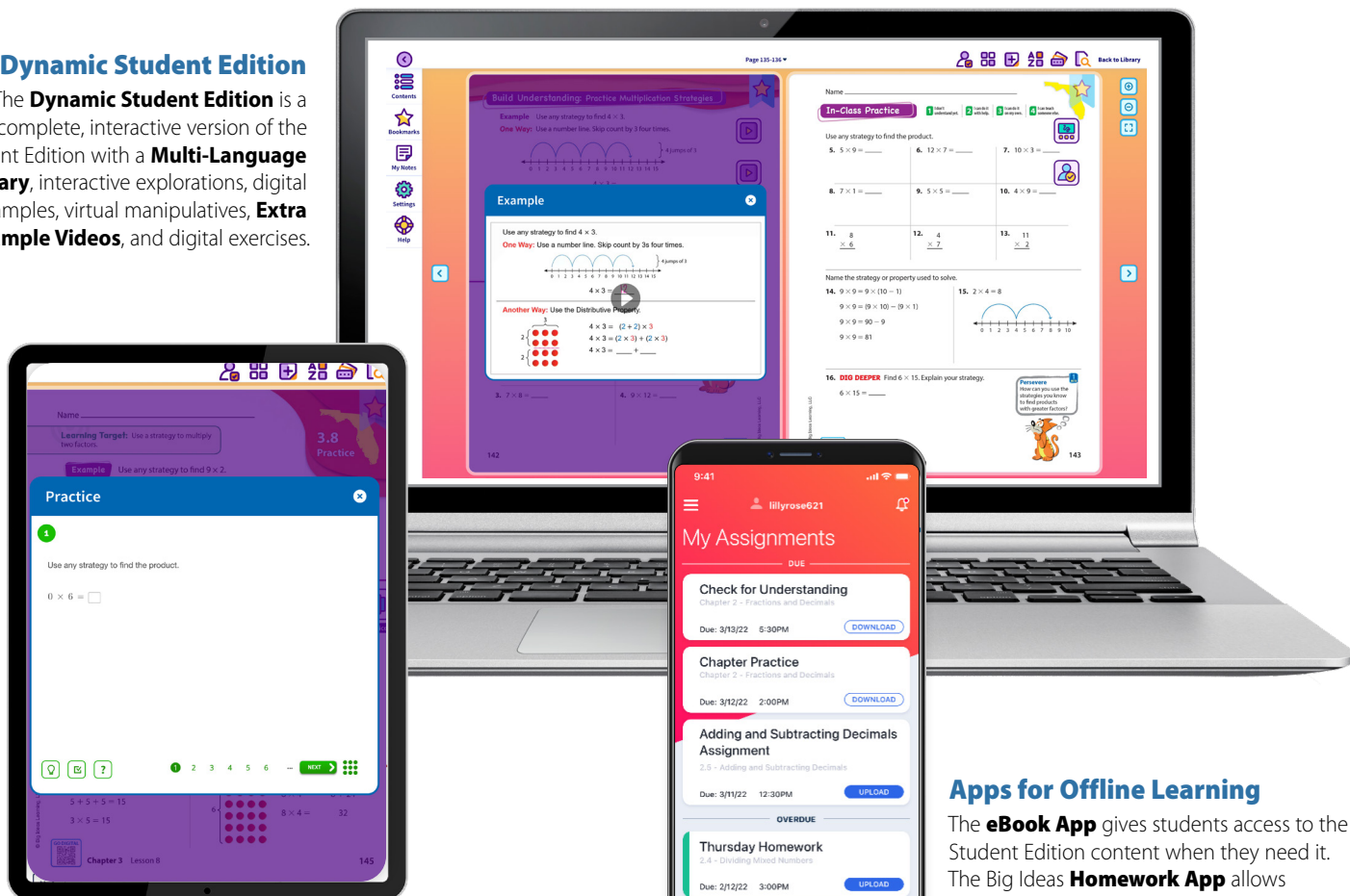
Students must revisit concepts over time so deeper learning occurs. The **Review & Refresh** exercises in every lesson and at the end of every chapter provide ongoing practice so students continue to build fluency.

Flexible Resources Accessible Anywhere

Engaging technology for students and teachers is the heart of the *Florida's B.E.S.T. Standards for MATH* program. The flexible online platform includes homework and assessment, interactive resources, and videos that support any learning environment. Here are just a few highlighted features of this robust digital platform.

Dynamic Student Edition

The **Dynamic Student Edition** is a complete, interactive version of the Student Edition with a **Multi-Language Glossary**, interactive explorations, digital examples, virtual manipulatives, **Extra Example Videos**, and digital exercises.



Assignment Builder

The **Assignment Builder** gives teachers the flexibility to create digital assignments and assessments that match the print resources or develop their own questions. Teachers can select questions by B.E.S.T. benchmarks. The parity between the print and the **Dynamic Student Edition** and the **Assignment Builder** ensures teachers can provide equitable access to course content for all students. The embedded tools in the assignments provide students with optional support so that all students can be successful.

Apps for Offline Learning

The **eBook App** gives students access to the Student Edition content when they need it. The Big Ideas **Homework App** allows students to complete assignments even when internet access is limited or unavailable.

Learn about the *entire* Digital Learning Platform!

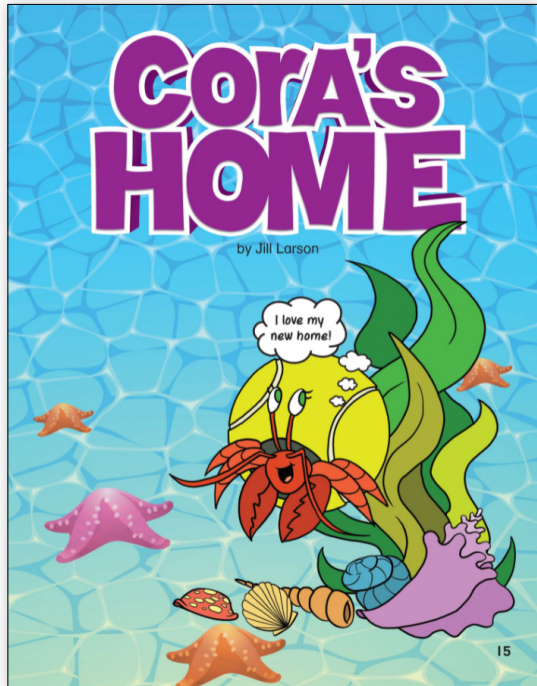
- Complete Program Access
- Rich Assessment
- Engaging Resources
- Extra Support
- Full Accessibility
- Easy Rostering and LMS Integration



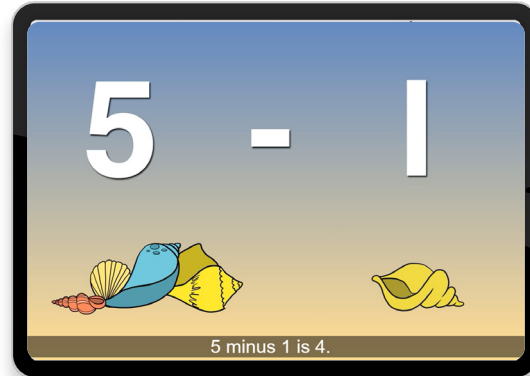
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Newton and Descartes's Math Musicals with Differentiated Rich Math Tasks

Math Musicals offer elementary students a fun and engaging connection between math, music, and literature. Two furry friends, Newton and Descartes, team up in these educational stories and songs to bring mathematics to life! **Differentiated Rich Math Tasks** encourage students to make sense of and extend the math concepts presented in **Math Musicals**. Each task includes three different levels so students can complete tasks that are designed to challenge them.



Available in both print and digital!



Explore Math Musicals!



MathMusicals.com



Support for Social and Emotional Learning (SEL) with Newton and Descartes

Students tap into rich characters, relationships, and emotions with **Math Musicals**, providing a landscape for developing social and emotional learning skills.

Support to Empower Florida Teachers

The *Florida's B.E.S.T. Standards for MATH* program provides teachers with everything they need to plan, teach, and assess to accelerate learning for all students. Written by master educator and author, Dr. Laurie Boswell, **Laurie's Notes** offer teachers point-of-use support through content overviews, motivation techniques, teaching strategies, questions to ask students for discussion, closures, and more!

Plan Efficiently

Teachers can review **Laurie's Notes** in the print **Teaching Edition** or digitally in the **Dynamic Classroom**, making it easy to plan lessons at their convenience. **Laurie's Notes** also include specific support for the **Mathematical Thinking and Reasoning Standards**, so teachers can ensure students are practicing the MTRs on a daily basis.

7.3

3. Maintain Accuracy

Encourage students to circle the digit on the number card that helps them decide which pile the card belongs to.

7. Model Real Life

Preview the exercise with students, making sure they understand the buckets labeled "10 Points" represent tens and the buckets labeled "1 Point" represents ones.

Review & Refresh Correlation

Exercises 6 and 7: Grade 1, Lesson 5.5

More True or False Equations

4. Maintain Accuracy Match each number card with its pile.

Less Than 85

93

79

84

81

87

89

Greater Than 85

5. Model Real Life Who earns more points?

You

10 Points 1 Point

Friend

10 Points 1 Point

41 is greater than 14

Who earns more points? You Friend

384 three hundred eighty-four

3

Vocabulary

Organize It!

Use the review words to complete the graphic organizer.

• 4 angles

• 4 sides

• 4 vertices

• all straight sides

• closed shape

Define It!

Use your vocabulary cards to match.

- Associative Property of Multiplication
- Distributive Property (with addition)
- Distributive Property (with subtraction)

Chapter 3

Vocabulary Cards

Associative Property of Multiplication

Distributive Property (with addition)

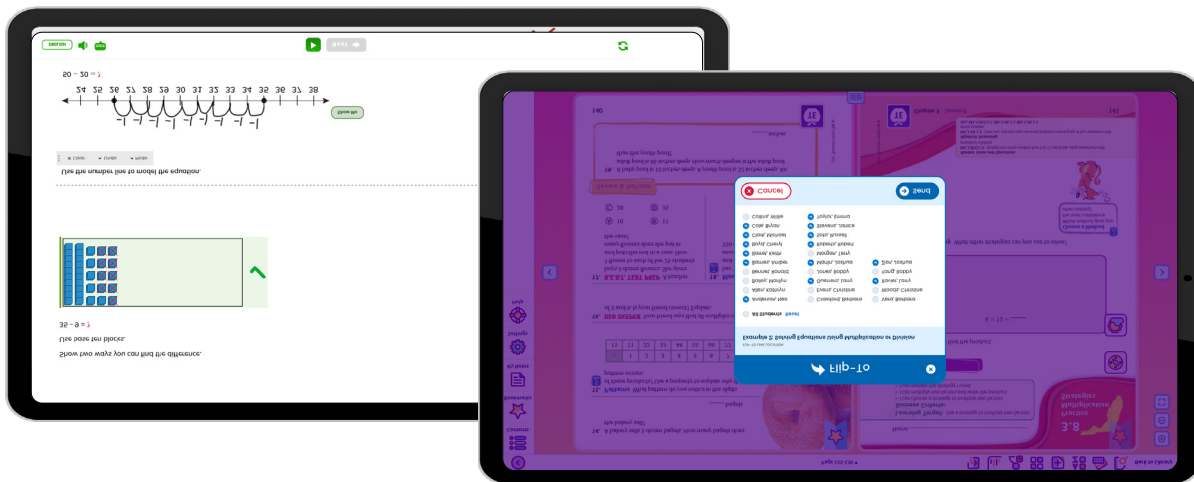
Distributive Property (with subtraction)

Teach Effectively

Each lesson contains a **Dig In** from **Laurie's Notes** to help teachers launch the lesson. These **Dig Ins** help build conceptual understanding and connect students' prior knowledge to the concepts in the lesson.

Teachers use the **Dynamic Classroom** to facilitate lessons using the engaging explorations, digital examples, and interactive practice all at their fingertips.

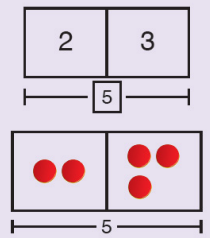
They can even use the **Flip-To** feature to send students directly to a specific place in their **Dynamic Student Edition**, which makes managing a classroom full of devices a breeze.



Dig In

Goal: Introduce finding a missing subtrahend (number being subtracted).

- Show a completed part-part-whole model, either with numbers or counters.
- Ask students what equations could be written from it. For example, $2 + 3 = 5$, $5 - 3 = 2$, or $5 - 2 = 3$ would come from the model. Ask students where the parts and the whole are in the model. "Look at the equations. What represents the parts and what represents the whole?" **In addition, the two addends are parts, and the sum is the whole. In subtraction, the whole is the amount you start with, one part is subtracted, and the difference is the other part.**



- Repeat this process with another example.

1 I don't understand yet.

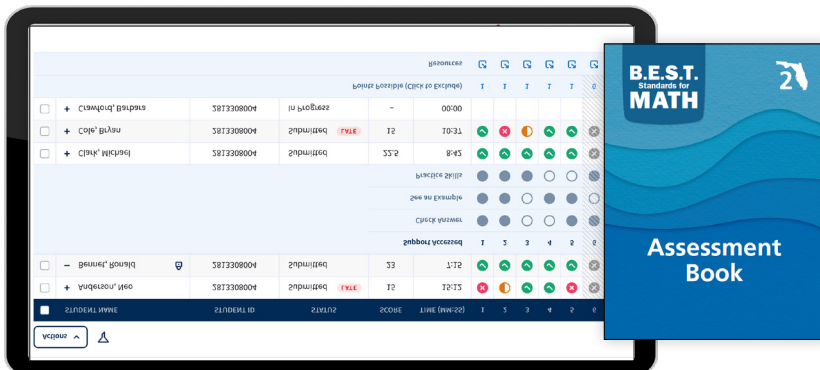
2 I can do it with help.

3 I can do it on my own.

4 I can teach someone else.

Assess Actively

With a variety of powerful assessment tools, teachers gain insight into actionable data, making it easier to provide all students with the exact support they need to be successful.



Name _____

In-Class Practice

1. I don't understand yet. 2. I can do it with help. 3. I can do it on my own. 4. I can teach someone else.

2. The table shows the numbers of eggs laid by an alligator in each of 6 years. Graph the data.

Year	Number of eggs
1	25
2	40
3	10
4	35
5	30
6	50

What does the point (1, 25) represent?

3. The graph shows how many receiving yards a football player has in each of seven games. How many receiving yards does he have in Game 3?

_____ receiving yards

How many times as many receiving yards does he have in Game 4 as in Game 2?

_____ times as many receiving yards

In how many games does he have more than 40 receiving yards? fewer than 40 receiving yards?

4. **DIG DEEPER** The player has 75 receiving yards in Game 8. The player has $\frac{2}{3}$ of this number of receiving yards in Game 9. Graph the data in the coordinate plane above.

Chapter 12 Lesson 2

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Robust Assessment for B.E.S.T. Success

The robust assessment suite allows teachers to assess students diagnostically, formatively, or summatively, in print or digitally with the **Assignment Builder**. The assessments give teachers clear insight into student progress on the B.E.S.T. Standards, helping make data-driven instructional decisions to meet the unique needs of every student and accelerate their learning.

Name _____

Grade 2 Pre-Course Test

1. Model the number. Is the number even or odd?

6

Even Odd

6 = ____ + ____

2. ● ● ● ____ rows of ____

3. ● ● ●

5. ● ● ●

Getting Ready for Chapter 6 WITH CalcChat®

Chapter Exploration

1 M1 **Actively Participate in Effortful Learning Collectively**
Work with a partner to prepare for concepts in this chapter.

1. Play Rock Paper Scissors 30 times. Tally your results in the table.
2. How many possible results are there?
3. Of the possible results, in how many ways can Player A win? In how many ways can Player B win? In how many ways can there be a tie?

2 M1 **4. MAKE A CONNECTION** Is one of the players more likely to win than the other player? Explain your reasoning.

GAME RULES
Rock breaks scissors.
Paper covers rock.
Scissors cut paper.

		Player A		
		Rock	Paper	Scissors
Player B	Rock			
	Paper			
	Scissors			

Vocabulary

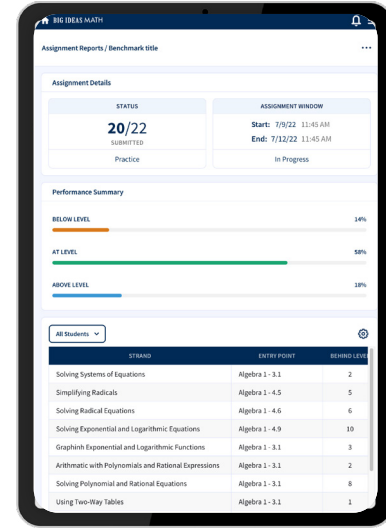
The following terms are defined in this chapter. Think about what each might mean and record your thoughts.

sample space	relative frequency	theoretical probability
probability	experimental probability	circle graph

284

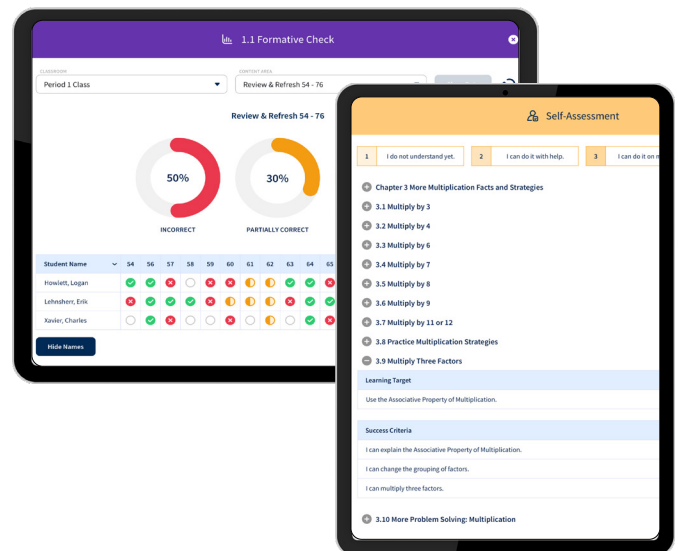
Diagnostic Assessment

Teachers can diagnostically assess students at the beginning of the year using the **Prerequisite Skills Practice with Item Analysis** or use the **Pre-Course Test** as a baseline to show growth throughout the year. Then, before each lesson, teachers can use the **Prerequisite Skills Practice** in print or digitally to determine whether students have the skills they need for the upcoming lesson.



Progression Benchmark Test

Customized for the Florida benchmarks, student learning can be measured across grades with the adaptive **Progression Benchmark Test**, which shows teachers where their students are in the progression of FL strands.



Formative Check and Self-Assessment

Teachers can assess students using the **Formative Check** and encourage students to use the **Self-Assessment**. Both tools provide data and insight into student progress, as well as how the students perceive their learning progress as they rate themselves on the success criteria.

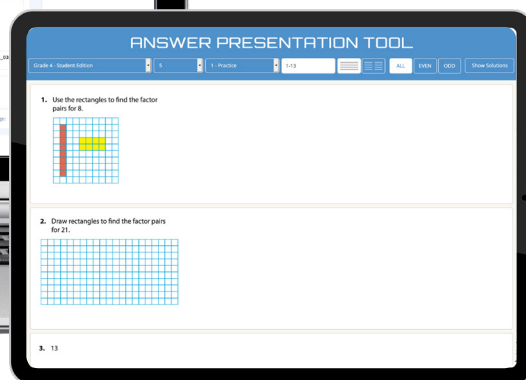
Assignment Guide

Exercise	Emerging	Proficient	Advanced	DOK 1	DOK 2	DOK 3
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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- Use the results from the ☐ exercises to provide differentiated support for all learners.
- Assign Review & Refresh exercises as appropriate for continued spaced practice.

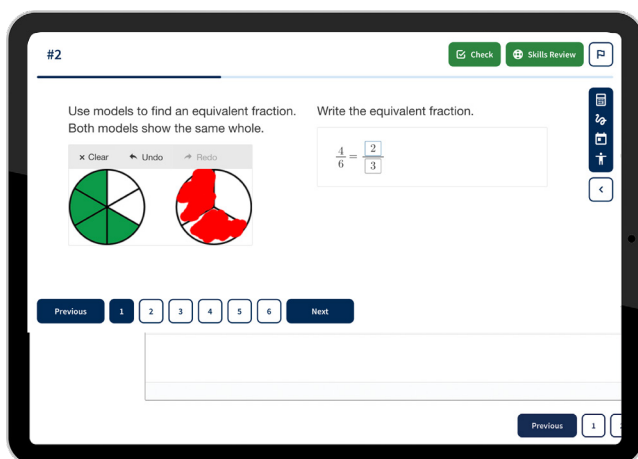
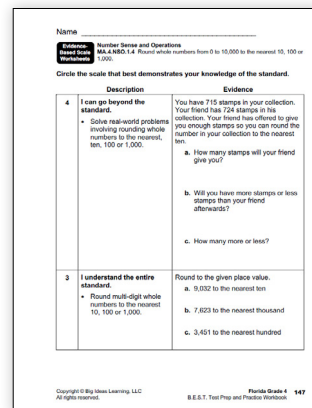
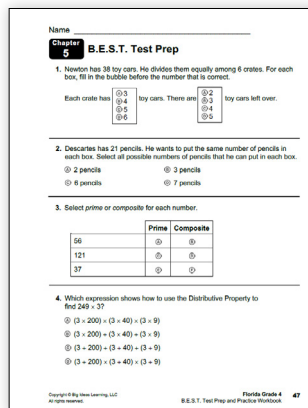
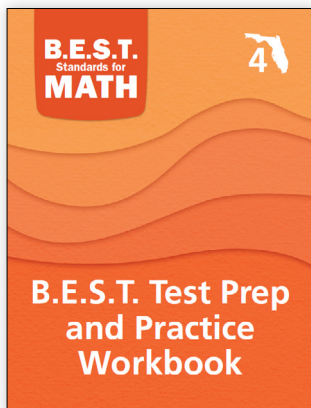
Assignment Guide

The **Assignment Guide** allows teachers to differentiate assignments for students based on where they are in their learning. Teachers can assign in print or digitally, and then use the **Answer Presentation Tool** to review with students.



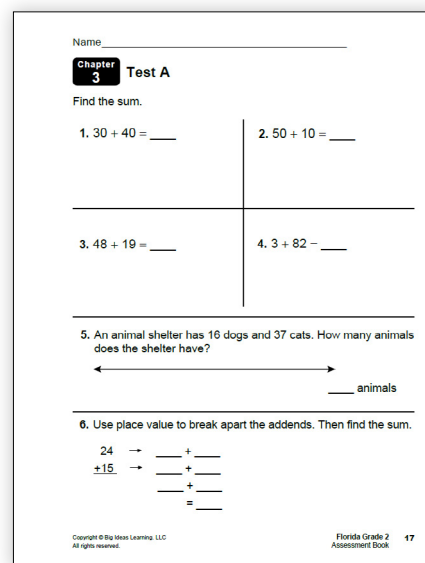
B.E.S.T. Test Prep and Practice Workbook

The **B.E.S.T. Test Prep and Practice Workbook** prepares students for cumulative standardized tests, in addition to helping students self-assess on the Learning Targets and Success Criteria from the chapter. It also contains **Evidence-Based Scale Worksheets**, which allows teachers to assess each benchmark on a 1–4 scale and make instructional decisions.



Summative Assessments

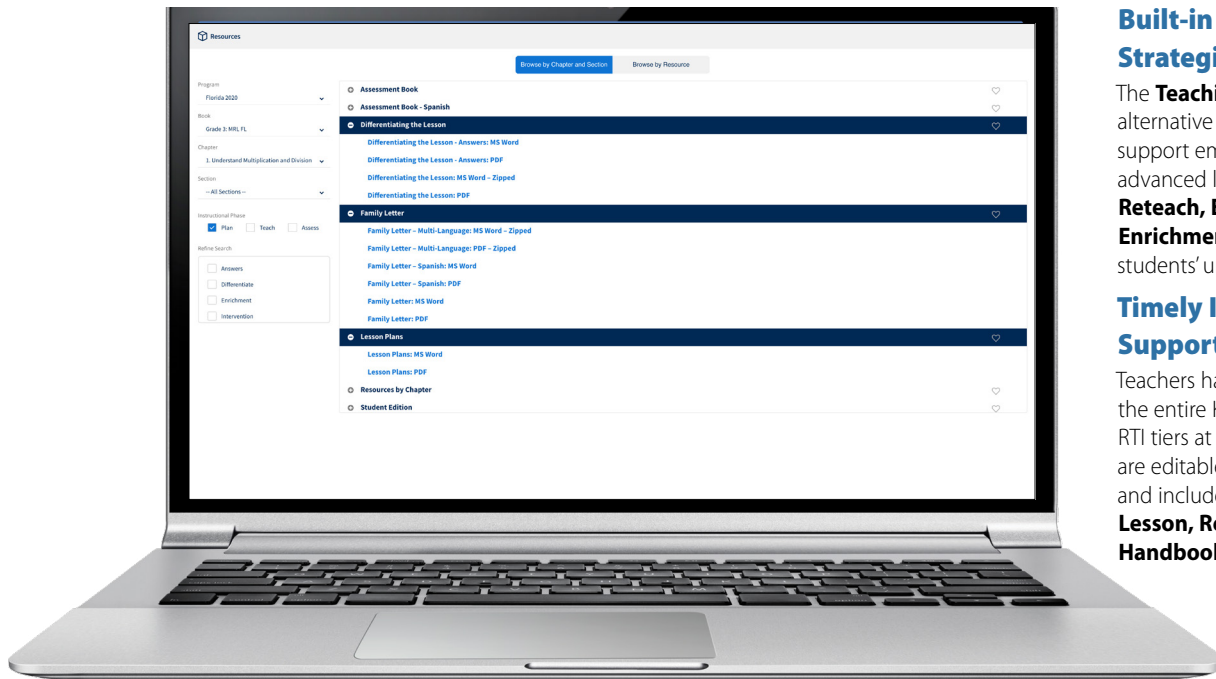
Chapter Tests and **Course Benchmark Tests** from the **Assessment Book** assess course content and can be assigned periodically throughout the year. These tests are customizable in print and online!



Elementary Math

Reach All Florida Learners

Florida's *B.E.S.T. Standards for MATH* supports Florida teachers and provides guidance on how to accommodate students' diverse learning styles and abilities. Students feel empowered to address their own gaps in knowledge and extend their understanding of key concepts.

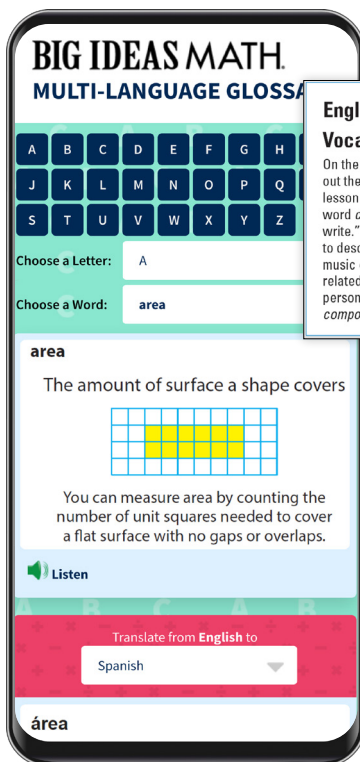


Built-in Differentiation Strategies

The **Teaching Edition** provides alternative teaching strategies to support emerging, proficient, and advanced learners. Supports such as **Reteach**, **Extra Practice**, and **Enrichment and Extension** fortify students' understanding and fluency.

Timely Intervention Support

Teachers have access to resources for the entire K–12 program to support RTI tiers at any time. These resources are editable to customize assignments and include **Differentiating the Lesson**, **Reteach**, **Skills Review Handbook**, and more.



English Language Learner Support **ELL**

Vocabulary Review

On the Explore page, point out the word *compose* in the lesson title. Explain that the word *compose* means “to write.” This word is often used to describe creating a piece of music or writing. Other words related to this are *composer* (a person who writes music) and *composition* (a piece of writing).

Leveled Proficiency Comprehension

Have students work in pairs to practice verbal language as they complete the Try It and In-Class Practice exercises. Have one student ask the other, “How many tens are there? How many ones? What is the total?” Have them alternate roles for each exercise.

Beginner: Students may state the numbers.

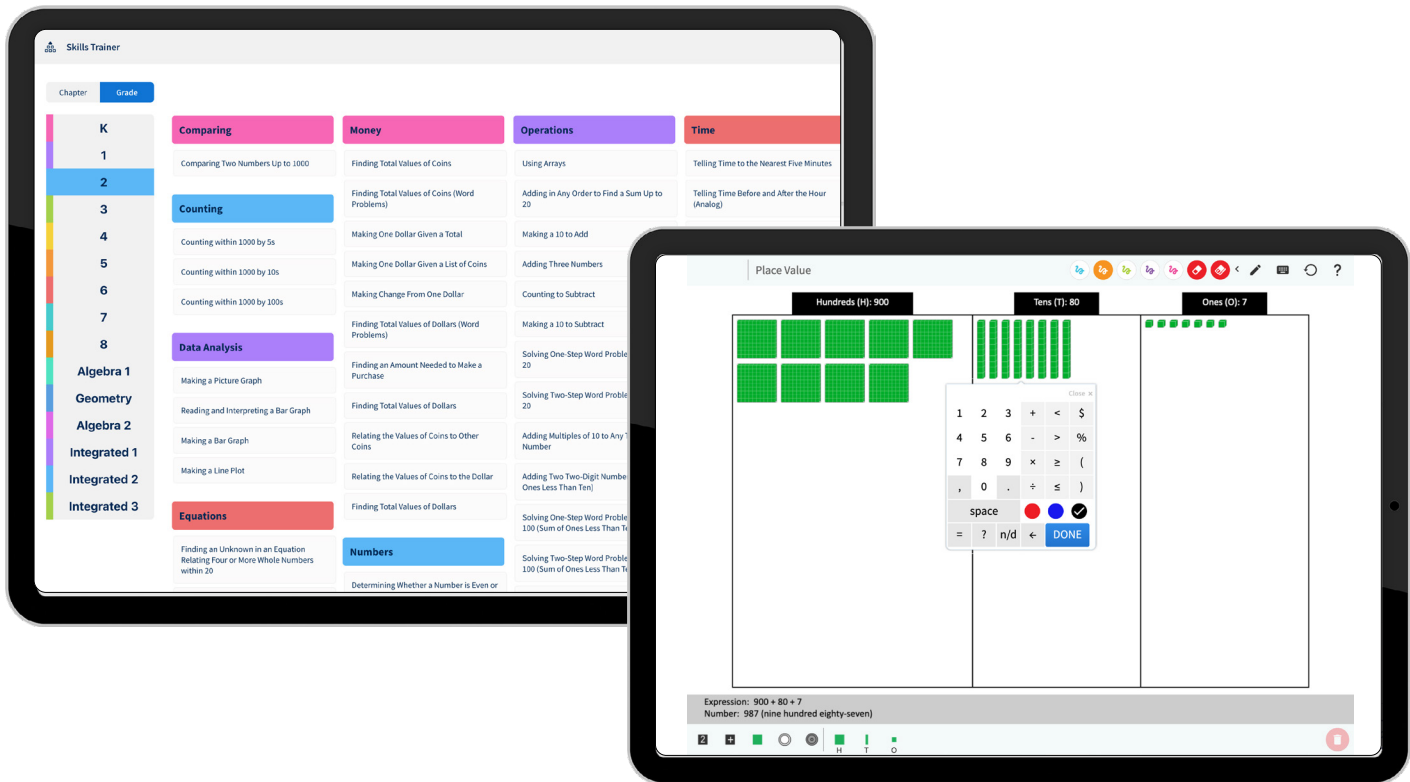
Intermediate: Students may answer using phrases, such as, “1 ten, 6 ones, sixteen.”

Advanced: Students may answer using sentences, such as, “One ten and six ones is sixteen.”

ELL Support and Development

ELL icons indicate support for students that includes **Vocabulary Review** and **Leveled Proficiency Comprehension**. These features target Beginner, Intermediate, and Advanced ELLs, which correspond to **WIDA** reading, writing, speaking, and language mastery levels.

The **Multi-Language Glossary** is accessible via the **Dynamic Classroom** and supports **16 total languages** by providing translations of key vocabulary terms.



Digital Opportunities for Reinforcement and Enrichment

Florida's B.E.S.T. Standards for MATH offers a variety of digital resources for skill development, review, and enrichment. The **Skills Trainer** provides opportunities for students to review or extend skills from Grade K through Algebra 2. **Interactive Tools** such as base-ten blocks, linking cubes, and fraction models, help students make connections by visualizing key concepts.

REVIEW: Equal Groups and Multiplication

Name _____

Key Concept and Vocabulary

$4 + 4 + 4 = 12$

factors → product

$3 \times 4 = 12$ ← total

number of equal groups → size of equal groups

multiplication symbol

Multiplication is repeated addition.

Visual Model

3 groups of 4 is 12.

Skill Examples

- 2 groups of 5
 $5 + 5 = 10$
 $2 \times 5 = 10$
- 6 groups of 8
 $8 + 8 + 8 + 8 + 8 + 8 = 48$
 $6 \times 8 = 48$

Application Example

- You have 4 boxes. There are 7 stuffed animals in each box. How many stuffed animals are there in all?

$7 + 7 + 7 + 7 = 28$
 $4 \times 7 = 28$
 There are 28 stuffed animals.

PRACTICE MAKES PURR-FECT®

Check your answers at BigIdeasMath.com.

Use the model to complete the statements.

- _____ groups of _____

_____ + _____ = _____

_____ × _____ = _____
- _____ groups of _____

_____ + _____ = _____

_____ × _____ = _____

Write the addition equation as a multiplication equation.

- $5 + 5 + 5 + 5 + 5 + 5 = 35$ _____
- $4 + 4 + 4 + 4 + 4 + 4 = 24$ _____

- MARKERS** You buy 5 packs of 8 markers each. How many markers do you buy in all? _____
- CARTWHEELS** You do 3 sets of 6 cartwheels each. Your friend does 2 sets of 9 cartwheels each. How many cartwheels do you and your friend do in all? Explain. _____

Skills Review for Success

The **Skills Review Handbook** provides examples and practice to review concepts from earlier grades. It can be used for remediation, enrichment, and differentiation. Available in print or digitally, students benefit from the additional opportunity for review and practice.

Elementary Math

Ensure Success for Spanish-Speaking Students

Florida's *B.E.S.T. Standards for MATH* offers students and teachers a blend of print and digital resources for Spanish language support.

The Spanish Student Edition, in both print and digital, is a carefully developed translation of the complete student program. In addition, a full assessment suite in Spanish ensures formative and summative assessment can be delivered effectively.


Nombre _____

Capítulo 4 Examen A

1. Hay 32 objetos. Los objetos están en 8 filas iguales. ¿Cuántos objetos hay en cada fila?

8 filas de _____
 $32 \div 8 =$ _____

2. Usa la matriz para completar las ecuaciones.

 $6 \times$ _____ $= 48$
 $48 \div 6 =$ _____

Encuentra el cociente.

3. $27 \div 3 =$ _____ | 4. $30 \div 6 =$ _____ | 5. $18 \div 9 =$ _____

Encuentra el divisor faltante.

English Language Learner Support **ELL**

Vocabulary Review

Ask students if they know the meaning of the word *round*. They should be familiar with the word as it describes the shape of a circle. Explain that the word *round* can also be used to describe a process you apply to a number.

Leveled Proficiency Comprehension

Have students work in pairs to practice verbal language as they solve the Try It and In-Class Practice exercises. For Exercises 1–10, have one student ask another, “Which two decade numbers is the number between? Which decade number is it closer to?” Have them alternate roles for each exercise.

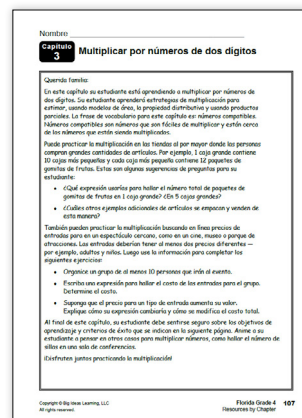
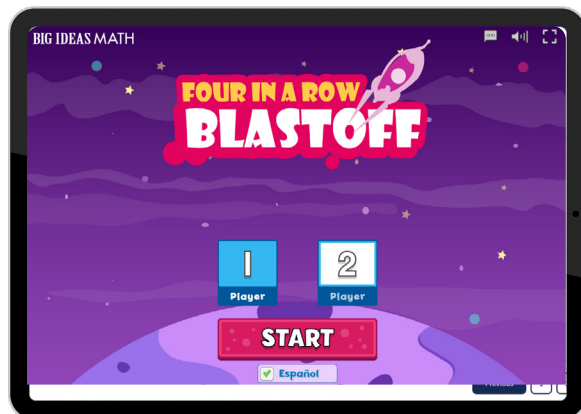
Beginner: Students may state numbers.

Intermediate: Students may use phrases, such as, “between 20 and 30.”

Advanced: Students may use sentences, such as, “29 is between 20 and 30.”

Teaching Edition

Built-in support through **Laurie's Notes** in the **Teaching Edition** provides teaching strategies for ELL students, including Spanish speakers.

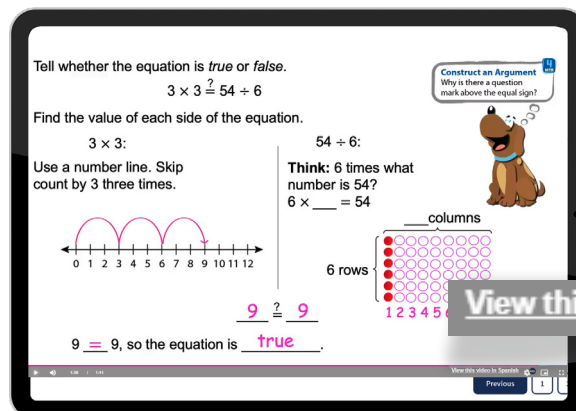


At-Home Connections

The **Game Library** provides **Spanish audio** and translated PDFs to help with engagement in class and at home. **Vocabulary Cards** highlight key terminology in 16 total languages, including Spanish, to promote mathematical literacy. With **Family Letters**, parents and caregivers can help make real-world and at-home connections to develop language and mathematical skills.

Digital Language Support

Spanish audio is also available in the **Dynamic Classroom** to enhance **Digital Examples**, **Extra Example Videos**, practice, assessments, and more.



View this video in Spanish

B.E.S.T. Program Resources

Florida's *B.E.S.T. Standards for MATH* ensures that students and teachers have access to all materials on a single digital platform or in easily accessible print resources.

Print Student Resources

(Also available Digitally)

Student Edition

Practice Workbook (K-2) B.E.S.T. Test Prep and Practice Workbook (3-5)

Review & Refresh*

Chapter Self-Assessment**

B.E.S.T. Test Prep**

Post-Course Test**

Evidence-Based Scale Worksheets*

Digital Student Resources

Dynamic Student Edition

Interactive Tools

Interactive Explorations

Digital Examples

Extra Example Videos

Self-Assessments

Additional Resources

Vocabulary Flashcards*

Graphic Organizers

Math Tool Paper

Skills Trainer

Skills Review Handbook

Game Library*

Multi-Language Glossary*

STEAM Videos♦

eBook App

Homework App

Print Teacher Resources

(Also available Digitally)

Teaching Edition

Resources by Chapter

Family Letter*

Warm-Ups

Extra Practice

Reteach

Enrichment and Extension

Instructional Resources

Vocabulary Cards

Activities

Exploration Counting Stories (K only)

Blackline Masters

Assessment Book

Prerequisite Skills Practice*

Pre- and Post-Course Tests*

Course Benchmark Tests*

Chapter Tests*

Newton and Descartes's Math Musicals with Differentiated Rich Math Tasks

Manipulative Kit

Literature Kit

Digital Teacher Resources

Dynamic Classroom

Laurie's Notes

Interactive Tools

Interactive Explorations

Digital Examples with PowerPoints

Formative Check

Self-Assessment

Flip-To

Digital Warm-Ups and Closures

Mini-Assessments

Dynamic Assessment System

Practice

Assessments

Progression Benchmark Tests

Performance and Standard Reports

Answer Presentation Tool

Additional Resources

Lesson Plans

Pacing Guides

Differentiating the Lesson

Worked-Out Solutions Key

Family Letters*

Video Support for Teachers

Everyday Connections Videos

Professional Development Videos

Concepts and Tools Videos

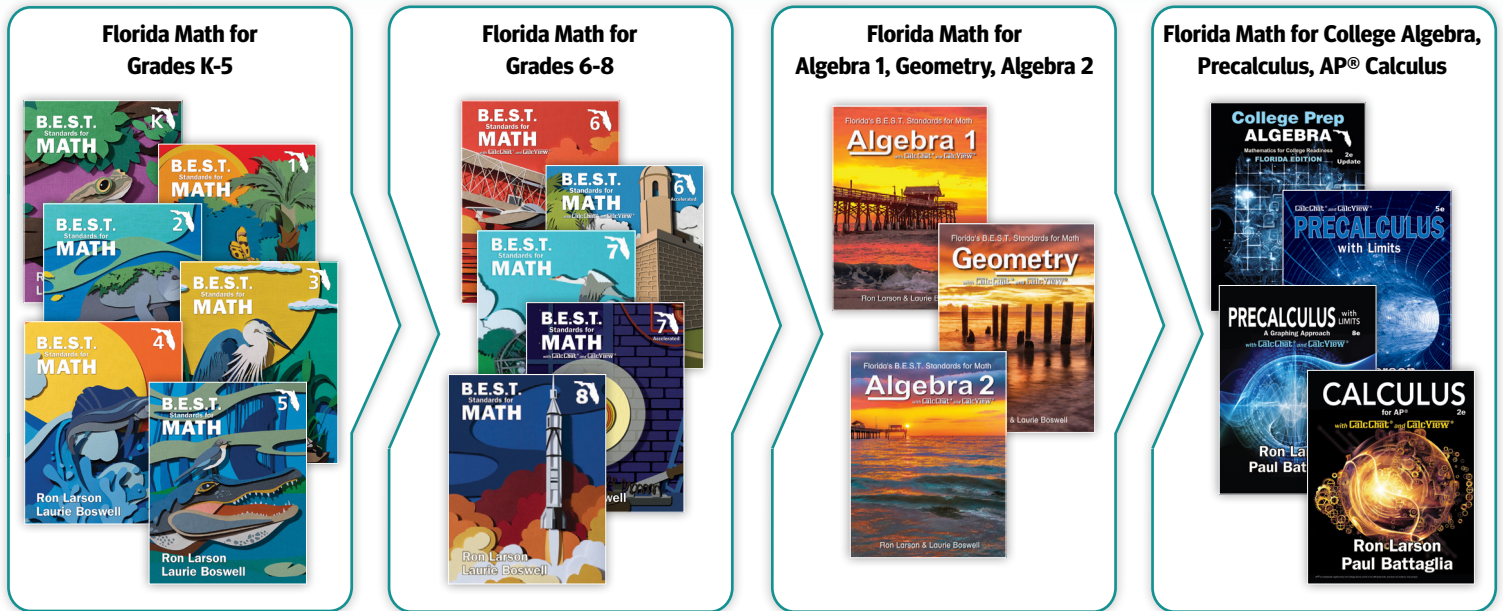
*Available online in Spanish

♦Available for Grades 3-5

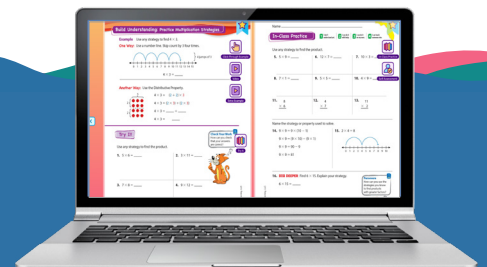
Coherent Progressions for Florida from Grades K-12

Florida's B.E.S.T. Standards for MATH is completely aligned with the Florida B.E.S.T. Standards and provides students and teachers with meaningful coherence from Kindergarten through Algebra 2. Both print and digital resources are designed to support all Florida learners and encourage students to become strategic thinkers and problem solvers.

A complete program for every curriculum pathway in Florida!



Reviewing the program?
Go to BigIdeasLearning.com/FloridaReview



For Blended, Print, or Digital Delivery!