

Program Overview

Grades 6-8

enVision
the B.E.S.T.



enVision[®] Florida
B.E.S.T. MATHEMATICS

SAVVAS

enVision® Florida

B.E.S.T. MATHEMATICS

Developed just for you, the new *enVision Florida B.E.S.T. Mathematics* ©2023 helps you teach Florida's B.E.S.T. Standards with confidence and engage your students.



enVision the B.E.S.T.

Made for Blended, Print, or Digital Delivery

1

Built for Florida

First-class standards alignment in both instruction and assessment.

2

Intentionally Designed

The pedagogical approach and flexible resources necessary to support in-person and digital learning.

3

Student Centered

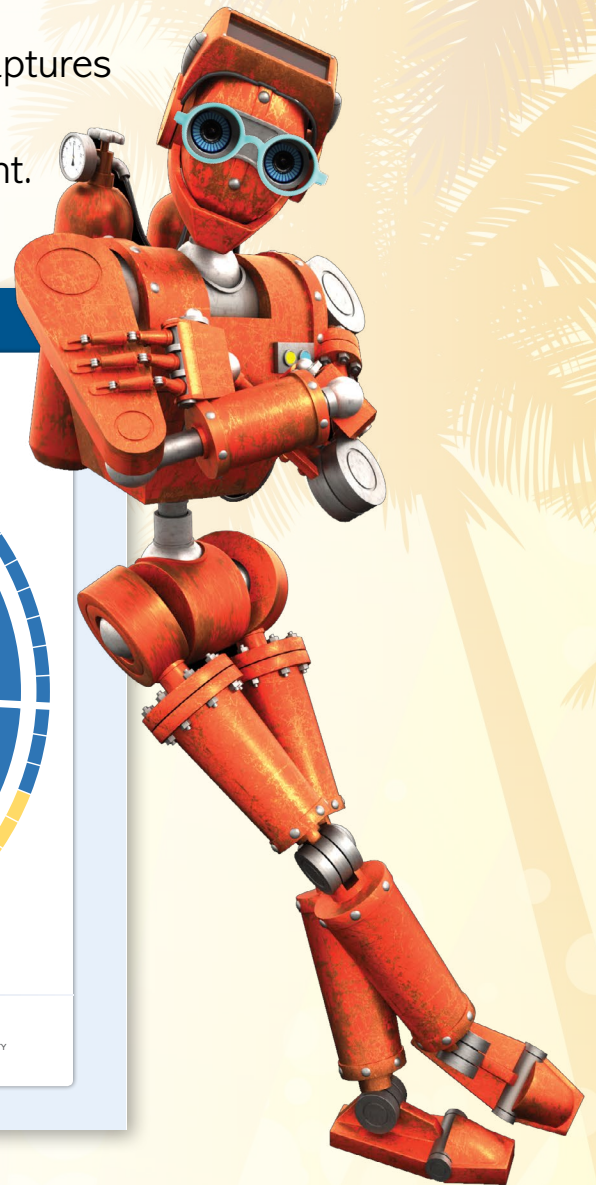
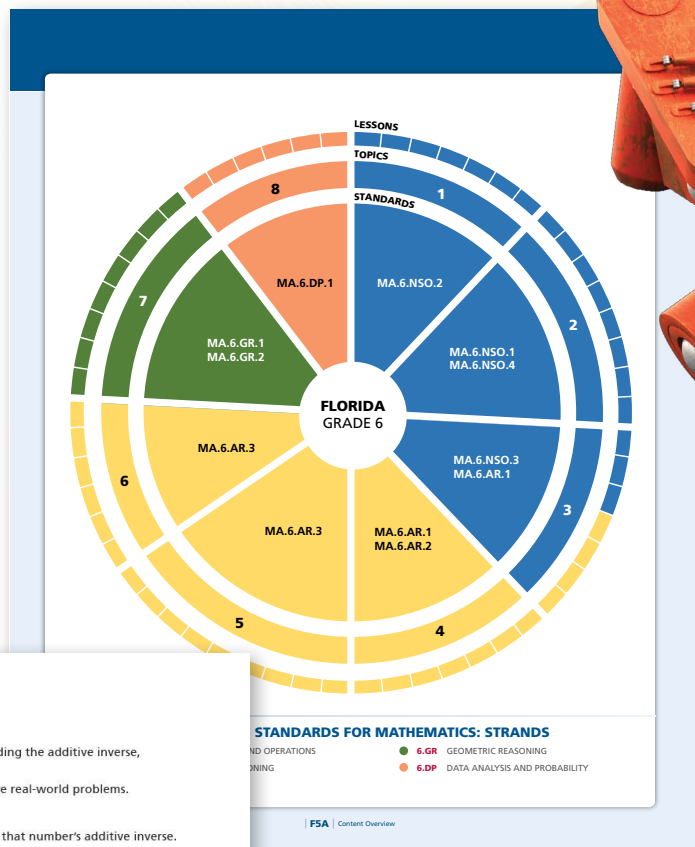
ALL students are invited to engage in meaningful mathematics.

More Than Alignment

The new B.E.S.T. Standards provide a vision and a roadmap that prepare all students in Florida for success. *enVision Florida B.E.S.T. Mathematics* captures the simplicity, practicality, and specificity of the new standards, going beyond just basic alignment.

Cross-Benchmark Connections

Connections are infused within and across topics to help students see content connections across the grade.



Lesson Overview

Mathematics Objective

Students will be able to:

- understand subtraction of integers as adding the additive inverse, $p - q = p + (-q)$.
- use addition and subtraction rules to solve real-world problems.

Essential Understanding

Subtracting a number is the same as adding that number's additive inverse.

Emphasis Area 1

Previously in this topic, students:

- understood that positive and negative integers are used to describe quantities having opposite values or directions.
- applied sums of integer numbers to solve real-world problems.

In this lesson, students:

- extend their knowledge of integers to evaluate differences between integers with the same or different signs.
- use number lines and integer chips to represent subtraction expressions.

Later in this topic, students will:

- multiply and divide positive and negative integers.

Connecting Benchmarks Students will apply their understanding of subtracting integers (6.NSO.4.1) when they solve real-life and mathematical problems using numerical and algebraic expressions (6.AR.1.1) and equations (6.AR.2.2, 6.AR.2.3).

Consistent Progression

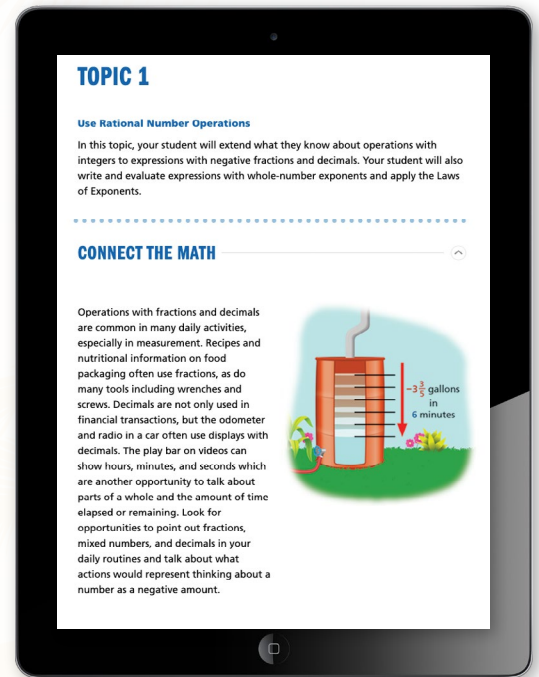
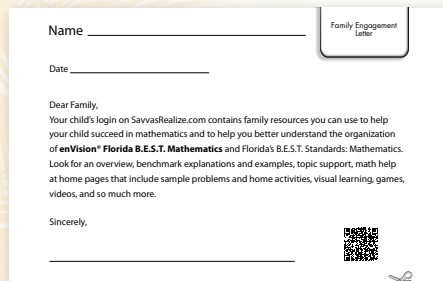
- Lessons** focus on benchmarks within standards.
- Topics** focus on standards within strands, taking areas of emphasis into account.
- Standards** are revisited in more than one Topic, keeping connected ideas together.

Support the B.E.S.T. Standards at Home

Print and digital Family Engagement resources empower families to support their student's learning of Florida's B.E.S.T. Standards. Compatibility with Google Translate™ allows for translation into more than 100 languages!

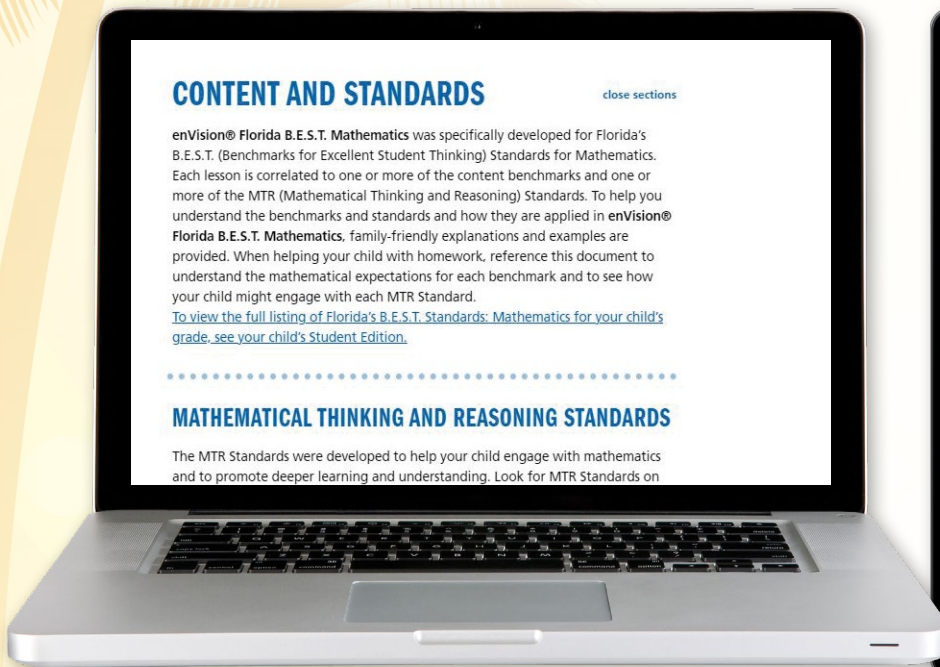
Family Engagement Letter

Families are provided with an overview of the Family Engagement resources available on SavvasRealize.com.



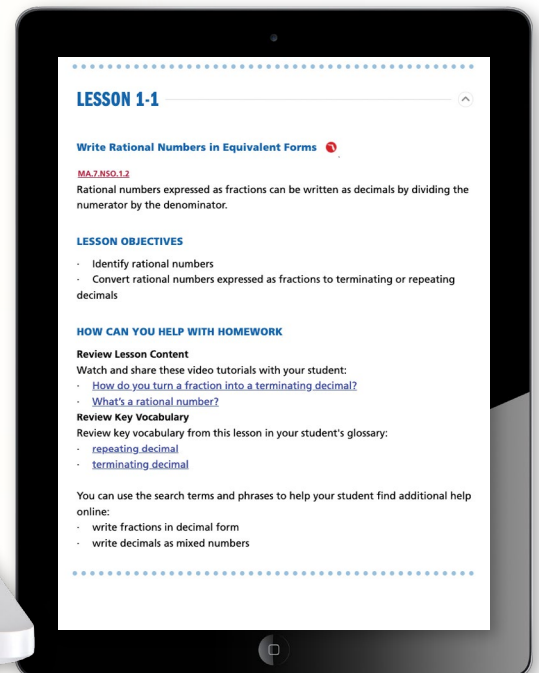
Topic Support

The Topic overview gives families a preview of upcoming content with visuals to support understanding.



Content and Standards

A useful reference breaks down Florida's B.E.S.T. Standards and Benchmarks along with the Math Thinking and Reasoning Standards.



Lesson-Level Support

Families are provided with video tutorials and vocabulary review that support Florida's B.E.S.T. Standards.

Develop Fluency

Break down fluency into manageable parts to support students in developing procedural fluency.

Riddle Rearranging
 Find each sum, difference, product, or quotient. Then arrange the answers in order from least to greatest. The letters will spell out the answer to the riddle below.

Procedural Fluency Activity TOPIC 2

I can...
 add, subtract, multiply, and divide fractions.
 6.NS2.2, 6.NS2.3

Which monster is best at math?

Topic 2 Topic Review 137

Targeted Benchmark Instruction

Topics that support the benchmarks are labeled as **Procedural Fluency (PF)**.

Procedural Fluency topics are early in each grade to provide as many opportunities as possible to develop fluency. Students develop the procedure, work toward fluency, and continue to develop fluency throughout the grade level.

Name _____

Topic 2
 Fluency Practice

Add, Subtract, Multiply, and Divide Integers

1. $16 + (-25)$ 2. $28 - (-9)$ 3. $4 \cdot (-8)$ 4. $45 \div (-5)$

5. $-9 + 6$ 6. $-12 - 8$ 7. $-7 \cdot 3$ 8. $-36 \div 9$

9. $-7 + (-12)$ 10. $-18 - (-6)$ 11. $-5 \cdot (-6)$ 12. $-54 \div (-9)$

13. $3 \cdot (-9)$ 14. $-28 \div 4$ 15. $-12 \cdot (-4)$ 16. $-42 \div (-6)$

17. Insert one digit $-8, -4, 2, 7$ in each box so that each expression represents a negative value. Use each number only once.
 $7 + \square$ $6 - \square$ $-3 \cdot \square$ $\square \div 2$

Topic 2 Fluency Practice 1 of 6
 Copyright © Savvas Learning Company LLC. All Rights Reserved.

BUILDING FLUENCY
 Engaging activities that help students develop proficiency with capsule concepts and skills.

Procedural Fluency Activity: Pathfinder
 Students navigate fluency with adding, subtracting, multiplying, and dividing integers by completing a path through a maze. The path leads to a treasure chest containing math problems.

Procedural Fluency
 Throughout the elementary years, procedural fluencies and recall with automaticity targets focus on operations or computation fluency so that by the end of Grade 6, students have operational fluency with integers and positive rational numbers. The chart on the right shows fluency targets by grade.

Fluency and Automaticity Targets in K-6

- Addition and Subtraction Facts, Grades K-2
- Addition and Subtraction Operations, Grades 1-3
- Multiplication and Division Facts, Grades 3-4
- Multiplication and Division Operations, Grades 4-5
- Addition and Subtraction with Decimals, Grades 4-5
- Addition and Subtraction with Fractions, Grades 4-5
- Multiplication and Division with Decimals, Grades 5-6
- Multiplication and Division with Fractions, Grades 5-6

Procedural Fluency Activities & Practice/Assessment Masters provide engaging practice in each Topic on previously taught benchmarks.

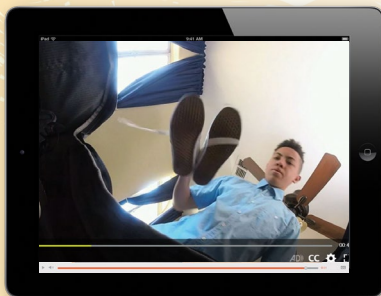
See What They Can Do

Mathematical thinking and reasoning are an integral part of Florida's B.E.S.T. Standards. 3-Act Math builds students' confidence to think mathematically and solve problems on their own.

3-Act Mathematical Modeling

Students are encouraged to be problem posers and problem solvers. 3-Act Math videos are also available with Spanish closed captions.

ACT 1: THE HOOK



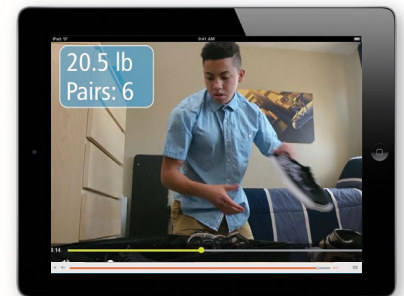
A video or photo hooks students with the task and provokes questions.

ACT 2: THE MODEL



Students develop mathematical models to arrive at a solution that makes sense to them.

ACT 3: THE RESOLUTION



Visuals help students explain differences between their own conjectures and a possible solution.



Launch 3-Act Math videos from the student page with embedded QR codes.

3-ACT MATH

Checking a Bag

ACT 1

- After watching the video, what is the first question that comes to mind?
- Write the Main Question you will answer.
- Communicate and Justify** Predict an answer to this Main Question. Explain your prediction.
- Check for Reasonableness** On the number line below, write a number that is too small to be the answer. Write a number that is too large.

Too small

←
→

Too large
- Check for Reasonableness** Plot your prediction on the same number line.

Topic 4 3-Act Mathematical Modeling 261

Focus on Mathematical Modeling

- Students make genuine choices and determine information needed to solve a problem.
- Lessons provide a vehicle for building conceptual understanding through productive struggle.

Let's Investigate!

Every student's input is invited to build a collective understanding of new ideas.



Student-Led Exploration

Let's Investigate! provides a problem-based learning option to replace all or part of a core lesson or lessons. These lessons give more time for exploration and digging deeper into the mathematics.

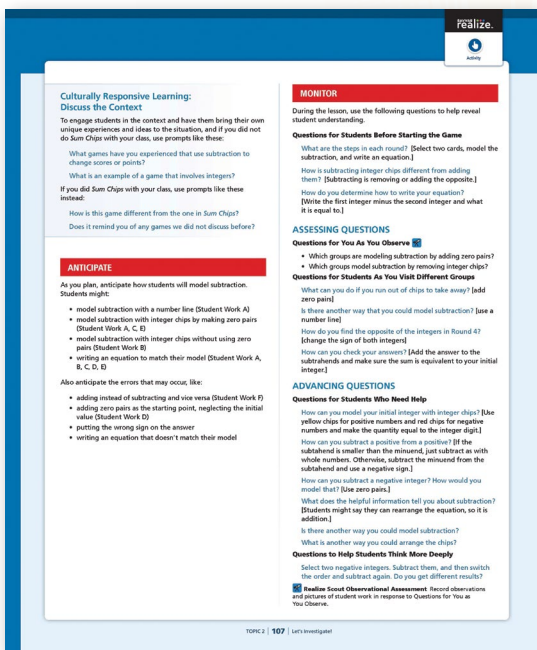
- **Encourage productive struggle** by activating prior knowledge to build on in future lessons.
- **Real-world contexts** with compelling questions ask students to draw on their own experiences.
- **Hands-on** activities with physical and digital manipulatives.
- Promote **growth mindset**.



Using the 5 Practices

Find teaching support based on the 5 Practices for Orchestrating Productive Mathematics Discussions (Smith and Stein).

- **Anticipate** students' solution strategies.
- **Monitor** students' solutions.
- **Select** solutions for students to present.
- **Sequence** solutions that students will present.
- **Connect** students' strategies and connect to key ideas.



$-2 - (-4) = 2$

The student correctly uses zero pairs to model $-2 - (-4)$.

$-3 - 3 = 0$

The student confuses a negative minus a positive with a negative minus a negative.

Anticipate

- Prompts teachers to consider different ways students may approach the task.
- Prepares teachers for assessing and advancing questions.
- Provides different student response examples.

Student work examples

I Can See Clearly Now!

Starting on a firm foundation of conceptual understanding, students can connect and apply math ideas in amazing ways.

A simple lesson design provides a clear, intentional pathway.

STEP 1

Problem-based Learning

STEP 2

Visual Learning

STEP 3

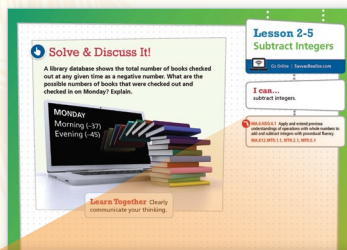
Assess and Differentiate

STEP 1

Problem-based Learning

Solve & Discuss It!

Introduce concepts through problem solving experiences. Facilitate rich classroom conversations that promote a growth mindset and result in deeper conceptual understanding. Explore It! and Explain It! activities, at least once per Topic, focus on mathematical modeling and communication.

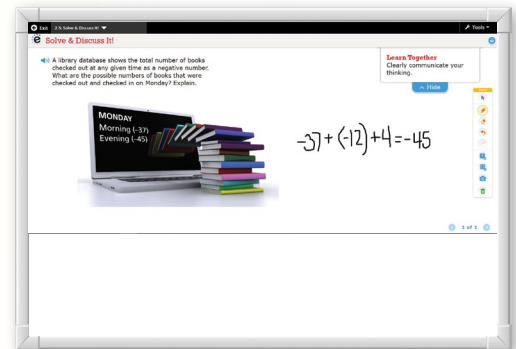


MA.6.NSO.4.1 Apply and extend previous understandings of operations with whole numbers to add and subtract integers with procedural fluency.
MA.K12.MTR.1.1, MTR.2.1, MTR.5.1

Florida's B.E.S.T. Standards are cited right on the student page for easy reference.

Solve & Discuss It! Online

The digital workspace engages students and encourages interactive learning experiences.



Language Support

All lessons include a Language Objective and ELL instruction to support different levels of English proficiency, aligned with WIDA™ (World-Class Instructional Design and Assessment).

English Language Learners

EMERGING Before reading Example 1, ask students if they are familiar with the rules of American football.

Q: What does the word *down* mean?
[Sample answer: *Down* means the opposite of up. *Down* can also mean the opposite of happy.]

Explain that in football, each team gets four tries to travel 10 yards downfield toward their goal. Each try is called a “down.” Help students explain how the team moves during their first and second downs.

DEVELOPING Complete Example 2. Have students read the problem aloud. Then ask:

Q: What does the word *penalty* mean?
[Sample answer: *Penalty* means a punishment for breaking a rule.]

Q: Using your knowledge of the word *penalty*, do you think a team will gain yards or lose yards when they receive a penalty? [A team will lose yards.]

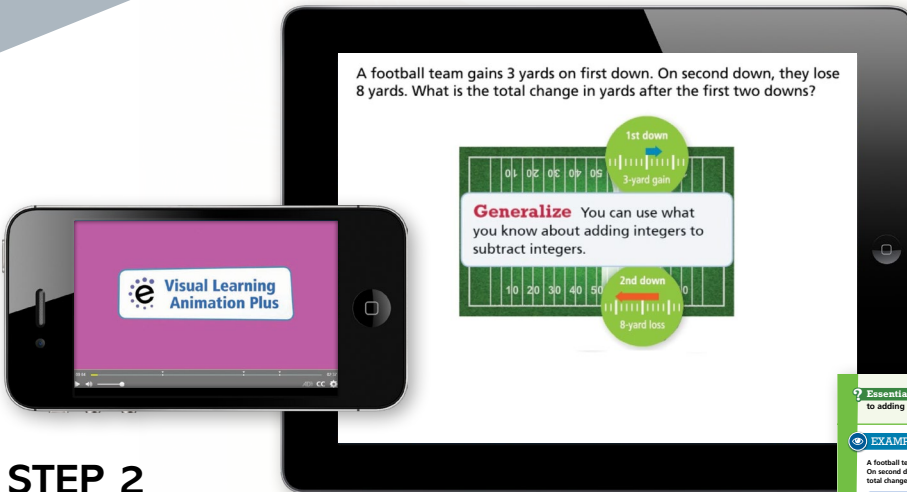
Q: How are the words *penalty* and *reward* similar to the integers -7 and 7 ? [Sample answer: Both are opposites.]

EXPANDING Complete Example 2.

Have students read the problem aloud. Then ask them to identify the important information in the problem. Ask:

Q: What is the important information in the problem? [Sample answer: 2 yards lost, 5-yard penalty, total change in yards]

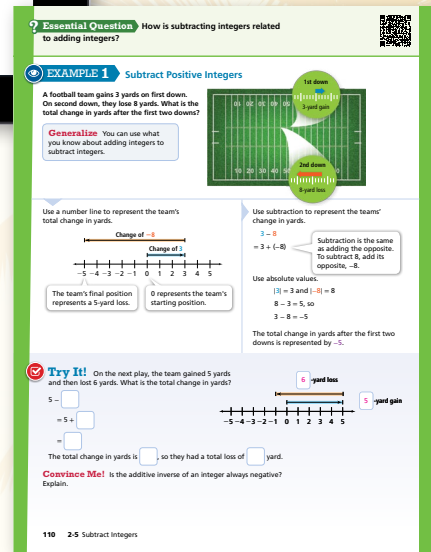
Q: Write a summary in your own words of how you will find the total change in yards. [Check students' answers.]



Launch Visual Learning Animations from the Student Edition with the embedded QR codes.

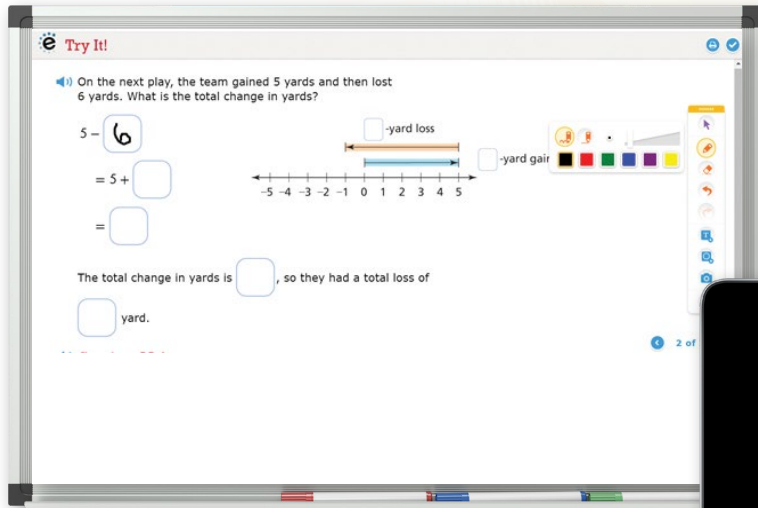
STEP 2 Visual Learning

- Visual instruction gives learners greater access to concepts.
- Make key math ideas explicit through instruction connected to Step 1.
- Visual Learning Animation Plus interactivity promotes conceptual understanding.
- Formative assessment opportunities inform decision-making.



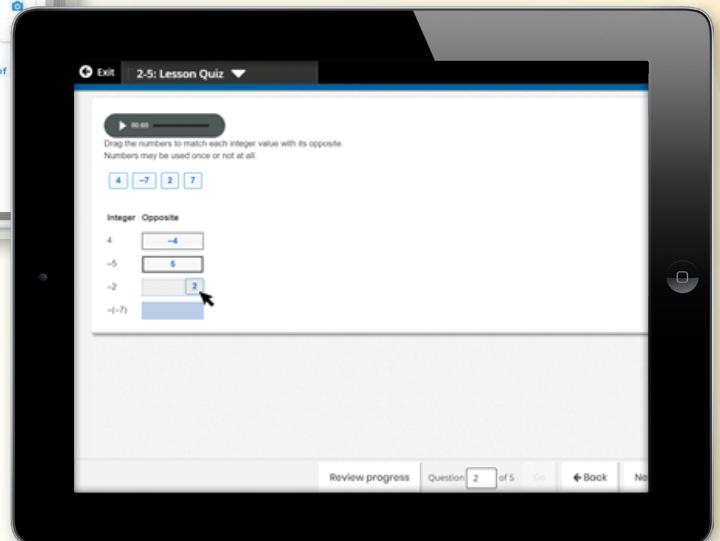
Try It!/Convince Me! Online

Explain, justify, use reasoning.
 Promote class discussion.



STEP 3 Assess and Differentiate

Lesson Quiz helps prescribe differentiated instruction.



Practice with a Purpose

Personalized and adaptive learning encourages students to build their mathematical understanding and demonstrate proficiency.

13. Higher Order Thinking Use the integer chips at the right.

a. What subtraction equation could the integer chips represent?

b. Represent and Connect Use the number line to represent a different subtraction equation has the same difference shown in the integer. Write the subtraction equation.

14. Math Models A crane lifts a pallet of blocks 8 feet from the back of a truck. It drives away and the crane lowers the blocks 13 feet. What is the final position of the blocks relative to where it started in the back of the truck?

15. At its highest point, the elevation of a country is 5,762 feet above sea level. At its lowest point, the elevation of the country is 9 feet below sea level.

a. Write an expression using integers to represent the difference in the elevations.

b. Check for Reasonableness Would the difference in elevations be written as a positive or as a negative integer?

c. Analyze and Persevere What is the difference in elevation the highest and lowest points of the country?

11. The news reports that today's high temperature is 16°F colder than yesterday's high temperature. Yesterday's high temperature was -2°F.

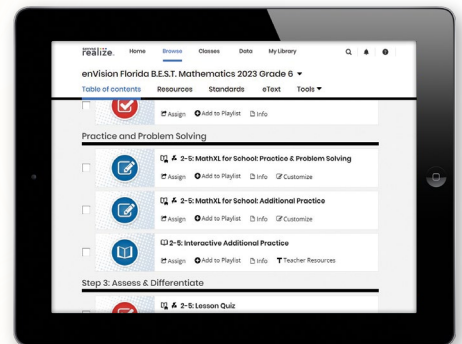
a. Write an expression to represent today's high temperature.

b. Analyze and Persevere Is today's high temperature positive or negative? Why?

12. Max sprints forward 10 feet and then stops and sprints back 15 feet. Use subtraction to explain where Max is relative to where he started.

Practice and Problem Solving

- Build mathematical proficiency.
- Promote higher-order thinking.
- Prepare students for Florida's B.E.S.T. Assessment.



MathXL® for School: Practice and Problem Solving Additional Practice

Students are engaged as they practice and apply math ideas.

MathXL® for School: Enrichment

Students select tools to personalize their learning.

MathXL® for School: Additional Practice available in Spanish.

2.5.PS-10

Find the distance between the points (-4, 3) and (4, 3).

$\sqrt{(-4 - 4)^2 + (3 - 3)^2}$

$= \sqrt{(-8)^2 + 0}$

$= \sqrt{64}$

$= 8$ unit(s)

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer

Review progress Question 1 of 10 Back Next

Help Me Solve This

View an Example

Another Look

Glossary

Math Tools

Print

Additional Practice

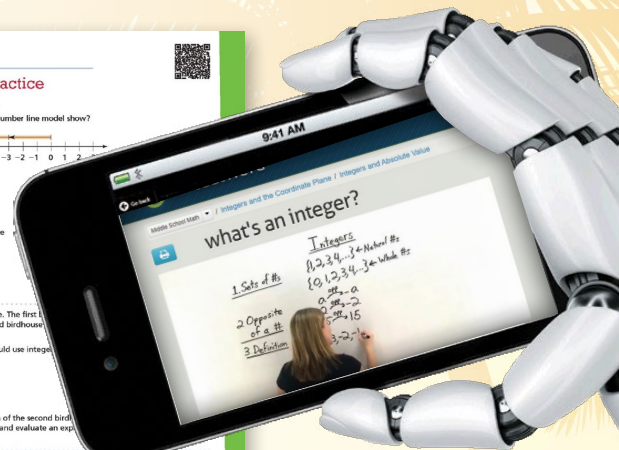
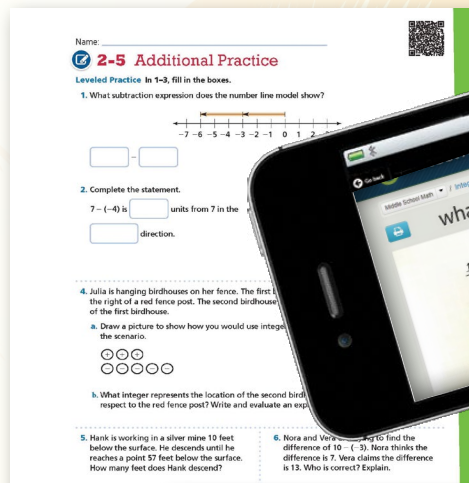
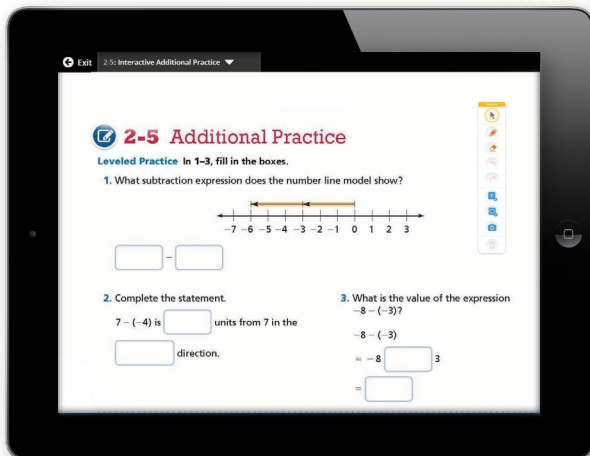
- Suggested leveling allows teachers to personalize skill and problem-solving practice.
- Reinforce vocabulary and higher-order thinking for Florida's B.E.S.T. Assessment.
- *MathXL® for School* practice and enrichment provides dynamic support for homework and practice. Autoscored.
- Assign print workbook or online interactive eText practice.

Virtual Nerd Tutorial Videos

- Dynamic Whiteboard™ feature allows students to see diagrams and all the steps.
- Approachable explanations delivered by on-screen instructors.
- Available for every lesson.
- Available with Spanish closed captions.

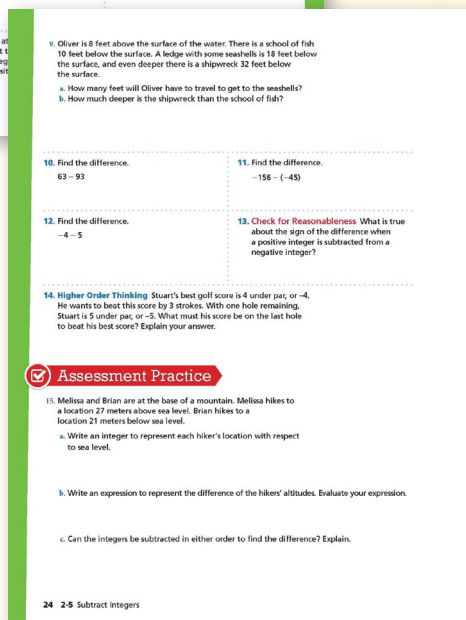


Launch Virtual Nerd videos from the student page with embedded QR codes found on the page.



Savvy Adaptive Practice

- Personalized practice in real-time, focusing on key concepts for each lesson.
- A brand new, transparent engine, informing students *when* and *why* they are receiving specific practice items or instructional support resources.
- Students dial back into prerequisite concepts or accelerate forward as they practice.



Available in Spanish.

Focus on Each Learner

Differentiation options for each lesson and Florida's B.E.S.T. Standards encourage and challenge students of all learning levels.



TARGETED INTERVENTION As needed **ANYTIME**



INTERVENTION



ON-LEVEL



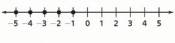
ADVANCED

Differentiation Library

Name _____ Additional Vocabulary Support **2-5**


Choose the term from the list that best represents the item in each box.

sum	positive integers	same signs	absolute value
difference	negative integers	different signs	additive inverse

1. $-1, -2, -3, -4, \dots$


2. $4 - 9 = 4 + (-9)$

3. $-5, 3$


4. $-18 - 5 = -23$


5. $|-3| = 3$

6. $2, 5$


Name _____ Build Mathematical Literacy **2-5**

Review the Key Concept from the lesson. Then answer the questions to help you understand how to read a Key Concept.

KEY CONCEPT 

When subtracting integers, such as $a - b$, you can use the additive inverse to write subtraction as an equivalent addition expression.

Subtracting b is the same as adding the opposite of b .



1. What is the focus of this Key Concept box?

2. What do the variables a and b represent?

Name _____ Pick a Project **2A**

See America

The United States has many fun and exciting places to visit. People can explore space travel at the Smithsonian National Museum in Washington, D.C., and can see abstract and cubist art at the Museum of Modern Art in New York City. In the National Parks, people can explore the hoodoos of Bryce Canyon and wonder at the vastness of the Grand Canyon. Many people enjoy visiting beaches and theme parks. For all of these destinations, people can travel there by car, bus, train, or plane.

Your Project Make a Travel Brochure

Suppose you are a travel agent planning a road trip. Would you want to visit a place that has a culture similar to your own? Or would you prefer to visit a place with a different culture? How would you include all you want to see? What should include at

PICK A PROJECT 2A

What places would you like to visit in the United States?

PICK A PROJECT 2B

If you want to solve a puzzle, what type would you choose?

PROJECT 2A: A CULTURE CONNECTION

PROJECT 2B: A CULTURE CONNECTION

THE MUSEUMS: (Museum: \$11.10, Rental: per year: \$ 2.00)

THE GREAT HIGHWAY TRIP: (Highway: \$ 12.00, Rental: per year: \$ 2.00)

Page 2 Pick a Project 21

Additional Vocabulary Activities **I O**

Support for ELL students to build mathematical understanding. Available as online PDFs and editable Word Doc.

Build Math Literacy **I O**

Reading support helps students read and understand examples from the lessons. Available as online PDFs and editable Word Doc.

Pick a Project **I O A**

Student choice is supported through a variety of interesting activities students complete to demonstrate their understanding of math concepts.

Name _____ Reteach to Build Understanding **2-5**

To subtract integers, you can use the additive inverse to write subtraction as an equivalent addition expression. Then follow the rules for addition.

$-2 - 3 = -2 + (-3) = -5$ $-2 - (-3) = -2 + 3 = 1$

To add integers with the same sign, find the sum of the absolute values and keep the sign.

To add integers with different signs, find the difference of the absolute values and use the sign of the addend with the greater absolute value.

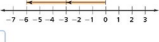
On a cold winter day, the temperature was 1°C below zero. At night, the temperature dropped 4°C . What was the final temperature?

- What integer represents the daytime temperature?
- What integer represents the drop in temperature?
- Write a subtraction expression to represent the final temperature, then write an equivalent addition expression.

Name _____ **2-5 Additional Practice**

Leveled Practice In 1-3, fill in the boxes.

1. What subtraction expression does the number line model show?




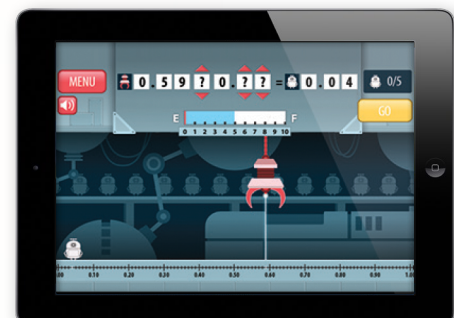
2. Complete the statement.
 $7 - (-4)$ is _____ units from 7 in the _____ direction.

3. What is the value of the expression $-8 - (-3)$?

4. Julia is hanging birdhouses on her fence. The first birdhouse is 3 meters to the right of a red fence post. The second birdhouse is 5 meters to the left of the first birdhouse.

a. Draw a picture to show how you would use integer chips to represent the scenario.





Reteach to Build Understanding **I**

Stepped-out, scaffolded support solidifies understanding with a fresh approach. Available as online PDFs and editable Word Doc.

Additional Practice **O A**

Two pages of additional practice for every lesson. Available as print Workbook, online Math XL, Interactive Realize Reader, and editable Word Doc.

Technology Center **I O A**

Math Tools and Math Games reinforce concepts, critical thinking, and application.

Name _____

An Essential Resource
Water Availability

Most of Earth is covered by water. Only a small portion of that water is fresh water that is available for human survival. Complete this page to explore the quantity and distribution of fresh water on Earth. If you struggle with your research, try the following questions to get you started.

- Where is Earth's water?
- How much water is on Earth?
- What is the distribution of water on Earth?

Part A. Research different types of water sources and complete the table.

Salt Water	Fresh Water
Source: List the different types of sources of each type of water.	

enVision STEM Project

Did You Know?

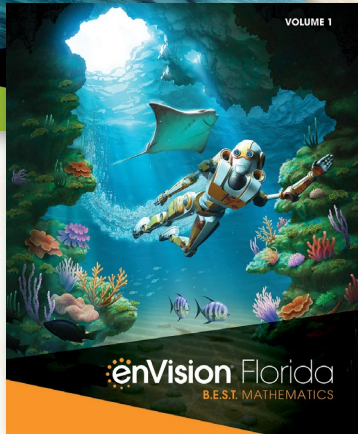
Engineers use the engineering design process to find solutions to problems and to improve products.

Engineers often need to work with water when they design. They often have to think about how to keep things from getting too hot or too cold. They also have to think about how to keep things from getting too dry or too wet.

Are they big enough to supply surface water?

Your Task: Improve Your School

Now that you have defined the problem, or identified the need, the next step in the engineering design process is to generate ideas. Use your imagination to come up with as many ideas as you can for solving the problem.



Prepare students in advance for Algebra Accelerated Grade 6 and Accelerated Grade 7 program pathway is offered with enVision Florida B.E.S.T. Mathematics. Complete print and digital accelerated programs prepares students for Algebra in Grade 8.

STEM Projects I O A

Real-world, cross-disciplinary projects incorporate media and demonstrate the value of math in a variety of situations.

Name _____

Enrichment **2-5**

Students in a history class are playing a trivia game. A player earns 5 points for each question answered correctly, and loses 3 points for each question answered incorrectly. The table shows the scores of four players at the end of Round 1.

Student	Score
Bella	19
Desmond	-1
Richie	17
Sybil	-5

1. Near the end of Round 1, Bella had 25 points. What is a possible number of questions that Bella could have been asked in Round 1? Explain.

Operations with Integers

Advanced Concepts

Understand Integers and Rational Numbers

Math Background

Look Back

Topic 2

Look Ahead

Enrichment O A

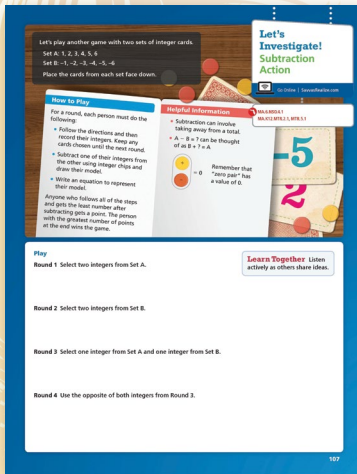
Higher-order thinking activities help students develop deeper understandings. Available as editable Word Doc, online PDFs, and MathXL® for School formats.

Build Teacher Knowledge

Ideas, inspiration, and teaching methods. Math Background for Topics and lessons serves as an easy-to-access math methods course.

Encourage Personal Connections

Foster an inclusive environment to promote learning and growing together. Students see themselves in the math.



Let's Investigate!

- Student-centered approach to solving an authentic real-world problem.
- Promotes collaboration and engagement.
- Scenarios draw upon students' experiences by depicting varied activities and settings.

Discuss the Context

To engage students in the context and have them bring their own unique experiences and ideas to the situation, and if you did not do *Sum Chips* with your class, use prompts like these:

What games have you experienced that use subtraction to change scores or points?

What is an example of a game that involves integers?

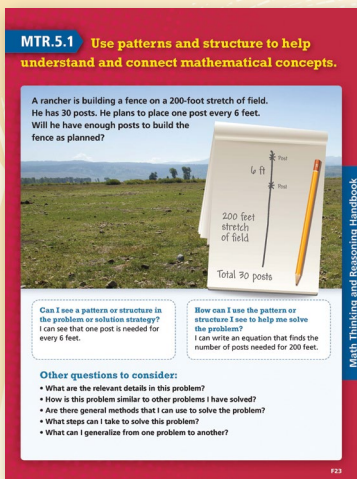
If you did *Sum Chips* with your class, use prompts like these instead:

How is this game different from the one in *Sum Chips*?

Does it remind you of any games we did not discuss before?

Discuss the Context

Guiding questions encourage students and teachers to share their ideas and experiences, resulting in a multifaceted conversation.



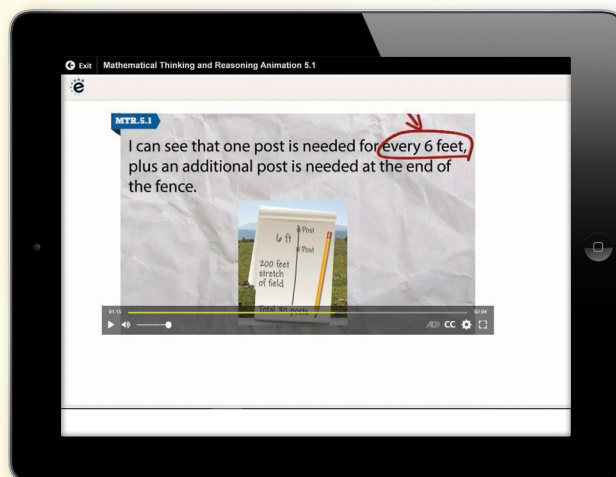
My Math Thinking and Reasoning Handbook

- Promotes learning together and a growth mindset.
- Prompts and statements encourage inclusive learning.
- Students use the Mathematical Thinking and Reasoning Standards throughout the lessons.

Learn Together: Respect Others' Perspectives There are many good ways of thinking. You can learn from hearing others' perspectives and points of view. Ask: When might it help to hear ideas from others? How can you encourage others to share their ideas?

Cultivate a Community of Growth Mindset Learners

- Call outs with suggested questions in the Teacher's Edition foster inclusive dialogue.
- Math Thinking and Reasoning (MTR) Animations bring having a growth mindset and learning collectively to life.

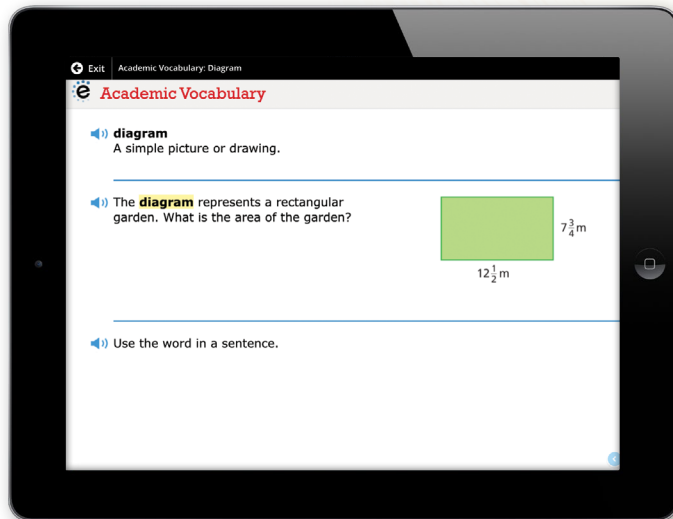


Math Thinking and Reasoning Animations

The Mathematical Thinking and Reasoning Standards include aspects of having a growth mindset and learning together. An animation for each standard is available at Savvas.Realize.com.

Language Development for All Florida Students

Language Support Handbook provides Topic and lesson instructional support that promotes language development. Includes teaching support for Academic Vocabulary and more!

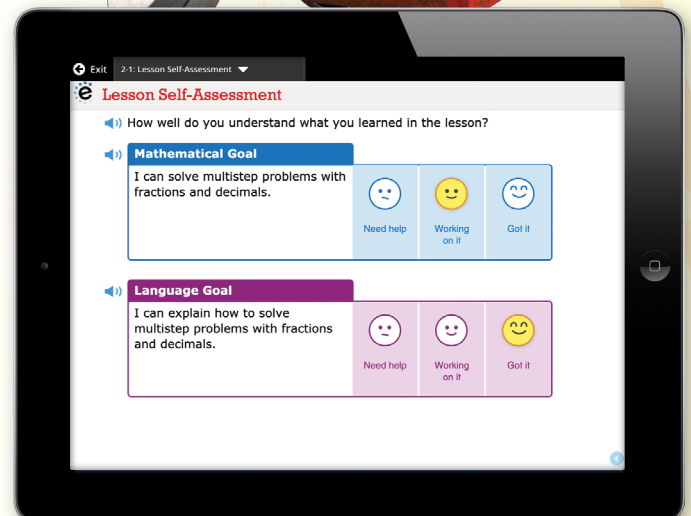


Academic Vocabulary Activities

Students preview and demonstrate understanding of academic language through an online activity that supports each vocabulary word. Complete the vocabulary routines as a class or in partners.

Vocabulary Routine

- Listening:** Read the word and definitions.
- Speaking:** Recite the word and definition orally.
- Reading:** Read the sample instruction and then discuss and record your responses.
- Writing:** Write a sentence using the word.

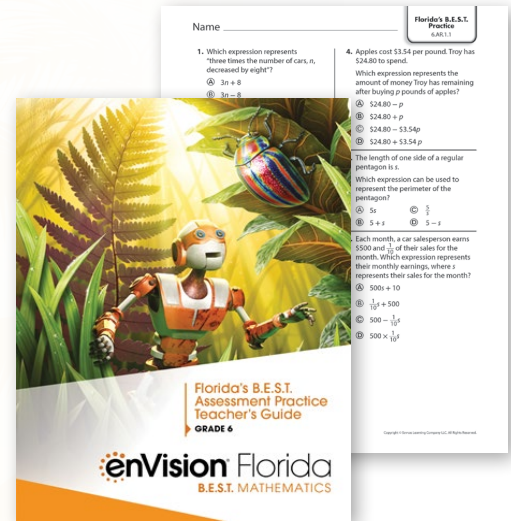
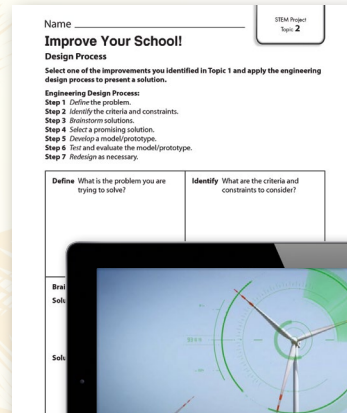


Lesson Self-Assessment

An exit ticket encourages students to reflect on their understanding of the language and the math goals of the lesson.

Meaningful Mathematics

Give students the opportunity to find meaning in mathematics and deepen their understanding. Students can explore areas of interest and complete math projects of their choosing, which validate their own lived experiences.



enVision® STEM Project

enVision® STEM Projects encourage all students to apply mathematics to real-world contexts and make cross-discipline connections. The projects fuel discussions, group work, and inclusive STEM practices for all learners.

- Values diverse ideas and solutions
- Addresses real-life settings
- Promotes STEM for all

Florida's B.E.S.T. Assessment Practice Workbook

Florida's B.E.S.T. Standards practice pages and practice tests prepare students for Florida's B.E.S.T. Assessment.



Official
Assessment
Calculator

desmos

Embedded Interactivities Powered by Desmos

- **Modify instruction.** Use cutting-edge graphing calculator and geometry technology to deepen conceptual understanding.
- **Vary delivery of technology.** Interactivities are built into Problem-based Learning, Visual Learning Animation Plus, Try It!, Examples, and Key Concepts throughout the program.
- **Exclusive to enVision Florida B.E.S.T. Mathematics—switches, sliders, and buttons** enable more focused student exploration.
- **Access Desmos anytime.** Students and teachers can open the Anytime Tool powered by Desmos on-demand.

High-interest math projects invite all students to be active participants.

Pick a Project

Students explore and complete interesting projects—it's motivating because THEY choose!

- Varied contexts (what interests students)
- Varied modalities (how students like to work)
- Varied final products (what students like to create)



Below Expectations (0-1 point: Explain.)	Meets Goal (2 points)	Above Expectations (3-4 points: Explain.)
	Mathematics: The project accurately demonstrates understanding of a key mathematical concept from the topic.	
	Context: The mathematics from the topic connects to the project context in a logical and natural way.	
	Presentation: The directions and guidelines were accurately followed.	


Name _____

Pick a Project
Project 2D

Television Commercials

All forms of advertisements are designed to capture people's attention and interest. Television advertisements, or commercials, are designed to capture the attention and interest of the people watching TV. Commercials are paid for and produced by companies selling or promoting specific products. A commercial is usually 30 to 60 seconds long, so a company has to convey its message and sell its product quickly.

Because of the number of viewers watching a big football game, advertisements that play during the game cost a lot of money. A 30-second commercial running during the biggest game of the year may cost more than a million dollars.




Name _____

Pick a Project
Project 2A

See America


The United States has many fun and exciting places to visit. People can explore space travel at the Smithsonian National Museum in Washington, D.C., and can see abstract and cubist art at the Museum of Modern Art in New York City. In the National Parks, people can explore the hoodoos of Bryce Canyon and wonder at the vastness of the Grand Canyon. Many people enjoy visiting beaches and theme parks. For all of these destinations, people can travel there by car, bus, train, or plane.



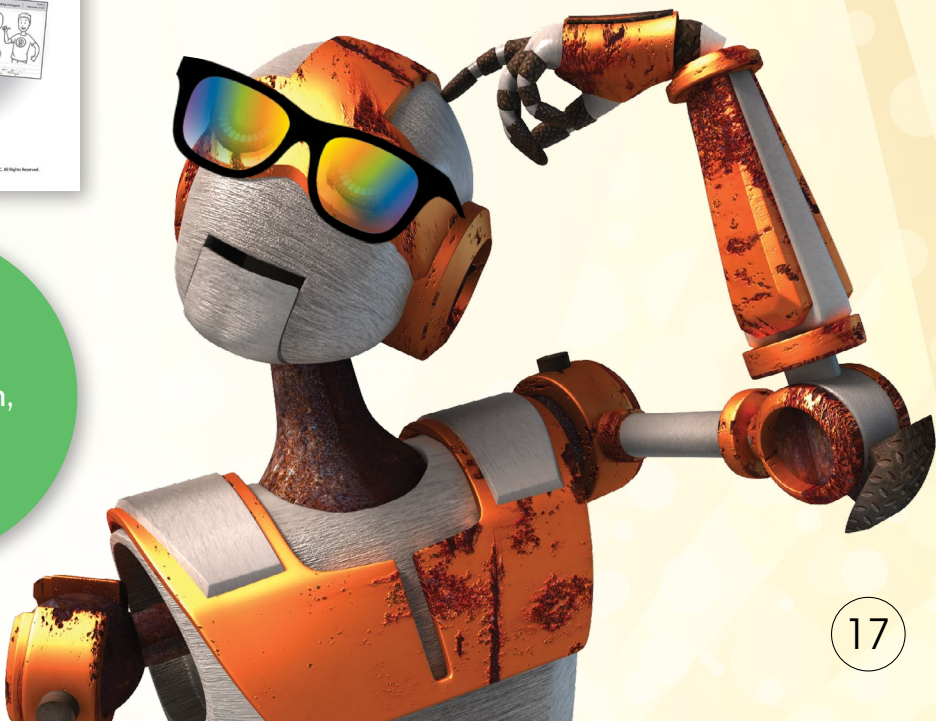
Your Project Make a Travel Brochure

Suppose you are a travel agent planning a road trip. Would you want to visit a place that has a culture similar to your own? Or would you prefer to visit a place with a different culture? What cities would you include on your itinerary? What points of interest would you visit?

Make a travel brochure for a road trip. Your trip should include at least five different places to visit. Highlight at least one point of interest at each place, and explain why your tour will stop there. Include a map with your brochure that shows the locations of the stops along with the latitude and longitude of each stop. In your brochure, mention some interesting facts about the different points of interest, including the locale's elevation and average maximum and minimum temperatures.



Student Choice, Differentiation, Open-Ended Rich Tasks



Assess to Differentiate

The *enVision Florida B.E.S.T. Mathematics* Assessment Suite offers options to move students toward mastery of Florida's B.E.S.T. Standards while driving instructional differentiation.

Review What You Know!

Vocabulary
Choose the best term from the box. Write it on the blank.

1. For any numbers a and b , $a \times b = b \times a$ and a applying the _____.

2. The _____ of -6 is 6 , because it is _____ units from zero on the number line.

The number $\frac{5}{3}$ is a _____ of _____.

Topic 4 Use Rational Number Operations

Diagnostic Assessment

- Readiness Test (Print and Online)
- Diagnostic Test (Math Diagnosis and Intervention System)
- Review What You Know (Topic Level)
- Savvas Math Screener and Diagnostic Assessments

Formative Assessment



- Realize Scout Observational Assessment Tool used during Solve & Discuss It! (See Page 20 for more details)
- Try It! and Convince Me!
- Do You Understand?/Do you Know How?
- Lesson Quiz (Print/Online)

KEY CONCEPT
When subtracting integers, such as $a - b$, you can use the additive inverse to write subtraction as an equivalent addition expression.

Subtracting b is the same as adding the opposite of b .

Do You Understand?
1. **Essential Question** How is subtracting integers related to adding integers?

Do You Know How?
4. It was 12°C when Amella got home from school. The weather report shows a storm front moving in that will drop the temperature by 17°C . What is the expected temperature?

Try It! Represent and Connect Subtract. Use integer chips or a number line to find each difference.

a. $-4 - 6$ b. $-6 - (-4)$ c. $4 - (-6)$
d. $6 - 4$ e. $4 - 6$ f. $-4 - (-6)$

Grade 6 Progress Monitoring Assessment: Form A

Find the following measures of the data set shown in the box plot below.

0 2 4 6 8 10 12 14 16

minimum:

maximum:

median:

first quartile:

third quartile:

interquartile range:

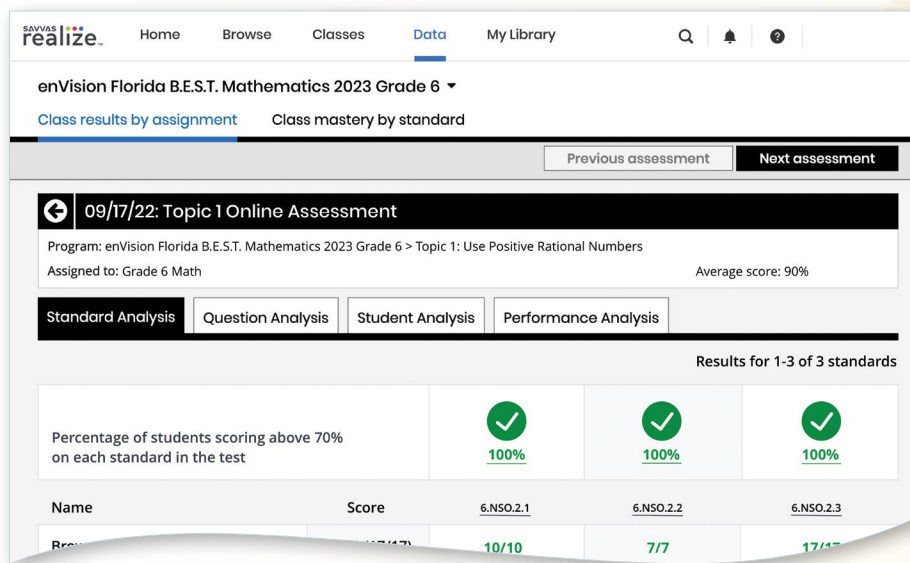
Review progress Question 1 of 40 Back Next

Summative Assessment

- Topic Assessments (Print/Online)
- Topic Performance Assessments (Print/Online)
- ExamView® Test Generator
- Fluency Assessments
- Cumulative Assessments (Print/Online)
- Progress Monitoring Assessments (Forms A, B, and C)
- Florida's B.E.S.T. Assessment Practice Tests

Gain Meaningful Insight

A variety of auto-generated reports show Florida's B.E.S.T. Standards mastery on assessments, overall progress, and usage data. It's all on SavvasRealize.com.



Savvas Math Screener and Diagnostic Assessment Student Report

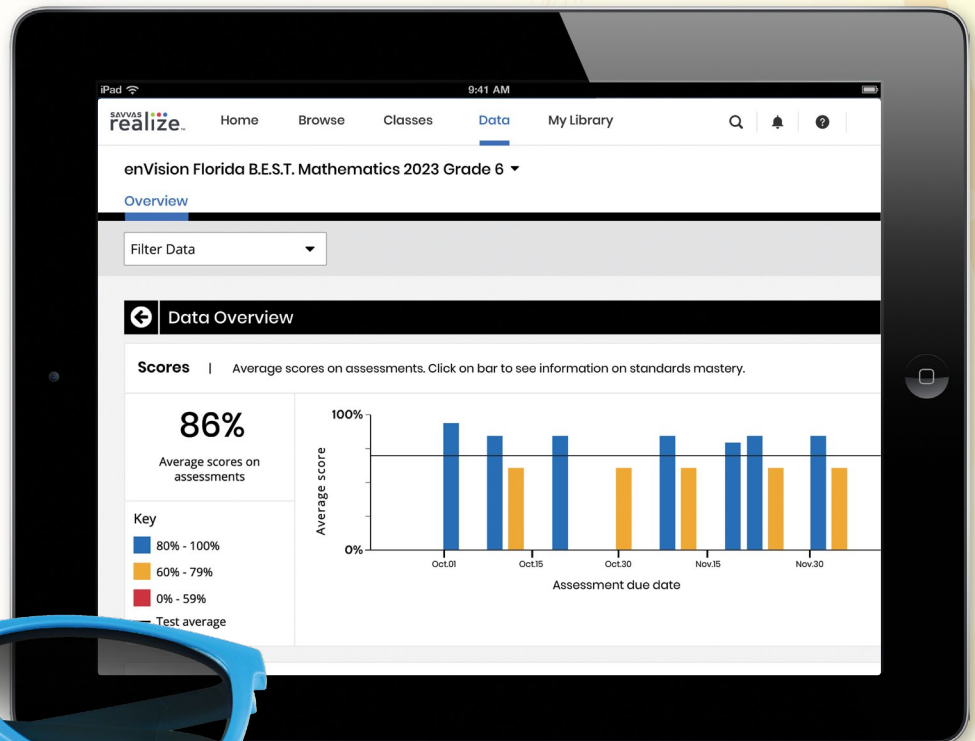
Allows teachers to see a student's Overall Performance compared to their peers and Performance by Domain indicating strengths and areas for improvement.

Standard Analysis

In-depth information is provided about Florida's B.E.S.T. Standards coverage and mastery for an assignment.

Data Overview


Reports including scores, progress, and usage are provided in an easy-to-view format.




Topic 2 Assessment

Skill and remediation activities


Apply Distance to Geometry

 **2-6: Ex 3: Apply Distance to Geometry & Try It!**
Assign


Define Integers and Opposites

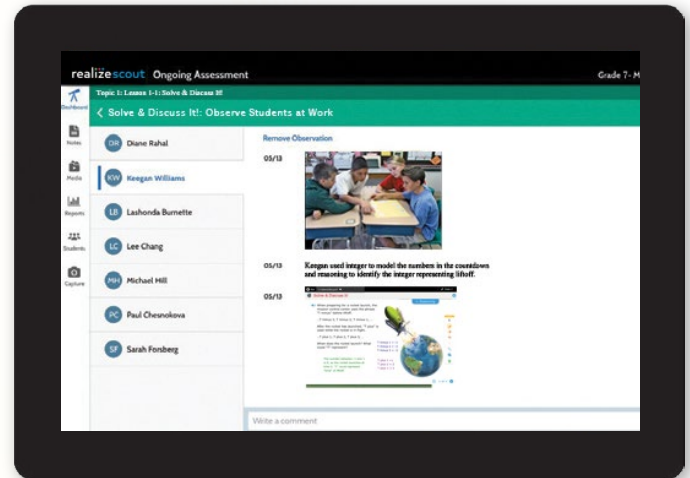
 **2-1: Ex 1: Define Integers and Opposites & Try It!**
Assign

Find Absolute Value

 **2-3: Ex 2: Find Absolute Value**
Assign

Find the Perimeter of an Irregular Polygon

 **2-6: Ex 2: Find the Perimeter of an Irregular Polygon & Try It!**
Assign



realizeSCOUT Ongoing Assessment

Grade 7-M

Topic 2: Lesson 1-1: Solve & Discuss It!

Solve & Discuss It! Observe Students at Work

Remove Observation

09/13

09/13

09/13

09/13

09/13

09/13

09/13

09/13

09/13

Write a comment

Auto-Assign Differentiation

Differentiation is based on results of the online Lesson Quizzes, Topic Assessments, Cumulative Assessments, and Florida's B.E.S.T. Assessment Practice.


Realize Scout Observational Assessment Tool

Record observations and pictures of student work to support formative assessment.

03/17/21: Topic 1 Online Assessment

Program: enVision Florida B.E.S.T. Mathematics Grade 3 > Topic 1: Understand Multiplication and Division of Whole Numbers
Assigned to: Grade 3 Math

Standard Analysis | Question Analysis | Student Analysis | Performance Analysis



All Standards

Question	Standard	Max Points	# of Students Correct	# of Students Incorrect	# of Students Partially Correct
Question 1	...1.1.1...1.2.1	1	5	0	0
Question 2	...1.1.1...1.2.1	2	4	0	0
Question 3	...1.1.1...1.2.1	1	5	0	0

Question Analysis

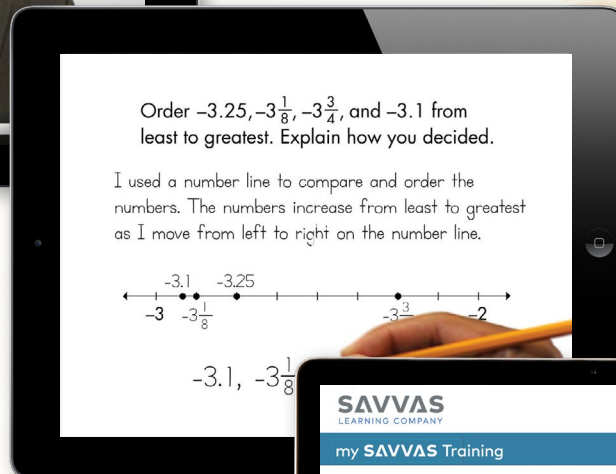
Florida's B.E.S.T. Standards-aligned resources are available to assign for follow-up.





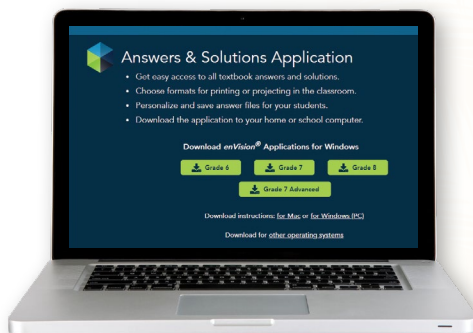
Professional Development

Videos on SavvasRealize.com give important perspectives on math concepts and show the program in action.



Listen and Look for Lesson Videos

Instructional videos provide key details, models, and insights. A great way to prepare for the day!



Present with ease in the classroom.

Present and print answers and solutions for all the Try Its, Do You Know How?/Do You Understand, and Practice & Problem Solving problems throughout the program.

mySavvasTraining.com

Easily accessible online tutorials and quick-start guides for *enVision Florida B.E.S.T. Mathematics*. Available 24/7!

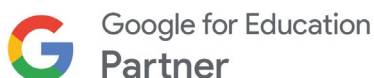
Make Every Lesson Perfect for You

Access all digital content, assessments, and management tools at SavvasRealize.com.

- Search by keyword or B.E.S.T. Standards
- Customize lessons
- Reorder lessons and Topics
- Align to your district framework
- Integrate with Canvas® and Schoology™
- Assign to Google Classroom™
- Add Google Drive™ files
- Integrate Microsoft® OneDrive®
- Upload your own content
- Use online discussion boards



schoology®



Comprehensive Resources

Teach using multiple modalities and tiers. All components are available in print and online and are organized to save you time and prepare students for success. You don't have to look anywhere else!

Savvas Realize™

All *enVision Florida B.E.S.T. Mathematics* resources are available on SavvasRealize.com. Easy-to-navigate content is fully customizable. All English and Spanish assets are provided in one course so teachers and students do not have to toggle between multiple locations. Now integrates with Google rosterSync™, Google Classroom™, Google Drive™, Canvas® and Schoology®.

Student Edition, 2 Volumes

(Print and online Student Edition Realize Reader)

The interactive text increases engagement and deepens understanding of math ideas. Students explain their thinking, solve problems, and make it their own. Also available in Spanish.

Teacher's Edition, 2 Volumes

(Print and online Teacher's Edition Realize Reader)

Topics and lessons align to Florida's B.E.S.T. Standards. Also includes embedded math background and professional learning.

Florida's B.E.S.T. Assessment

Practice Workbook and Teacher Guide (Print and online PDFs, English only)

Practice for every Florida's B.E.S.T. Standard and Florida's B.E.S.T. Standards Practice Tests.

Teacher's Edition Program Overview

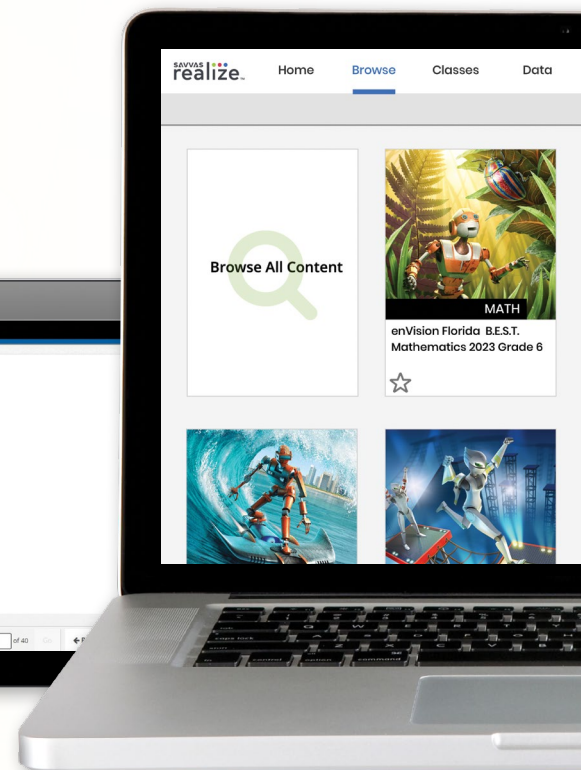
(Print and online PDFs)

A user's guide and professional learning resource in one! Explore pacing, lessons, differentiated instruction, components, and correlations to Florida's B.E.S.T. Standards.

Teacher's Resource Masters, 2 Volumes

(Print, online PDF, and editable Word doc formats)

- Family Engagement Letter
- Pick a Project
- *enVision*® STEM Projects
- Reteach to Build Understanding
- Build Mathematical Literacy
- Enrichment
- Fluency Practice
- Additional Vocabulary Support
- Available in Spanish



Math Diagnosis and Intervention System

(Online PDFs)

Diagnose needs and provide Tier 3 intervention. The System includes two-page intervention lessons, guided instruction, and diagnostic tests.

Additional Practice Workbook (Print, online Interactive Realize Reader, editable Word doc formats)

The student workbook includes two pages of additional practice for each lesson. Also available in Spanish.

Assessment Sourcebook (Print, online PDF, and editable Word doc formats)

- Assessment Guide
- Readiness Test
- Progress Monitoring Assessments
- Topic Readiness Assessments
- Lesson Quizzes
- Mid-Topic Assessments
- Topic Assessments
- Topic Performance Tasks
- Cumulative Assessments
- Available in Spanish

Language Support Handbook

(Print and online PDFs)

Topic and lesson instructional support promotes language development.

Manipulatives Kits

Engage learners in problem solving, mathematical operations, and communicating mathematical ideas.

Family Engagement

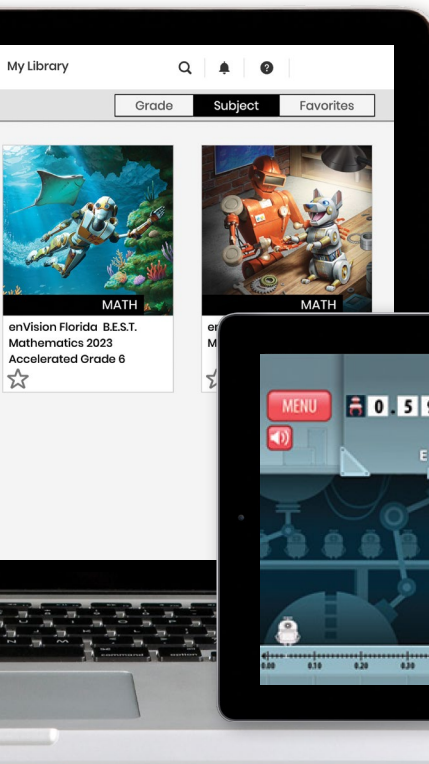
Easily-accessible resources on SavvasRealize.com provide families with Topic and lesson support, including video tutorials and key vocabulary review.

SuccessMaker®

Get continuous growth and mastery data with a supplemental online personalized learning system for adaptive intervention and differentiation.

Savvas Math Screener and Diagnostic Assessments

Provides new targeted instructional resources based on actionable data that shows student strengths and areas for improvement. Also available in Spanish.



enVision® Florida

B.E.S.T. MATHEMATICS



Savvas.com/FLBESTMath

Contact Your Florida Account Manager for Online Access!
Savvas.com/find-my-rep

SAVVAS
LEARNING COMPANY

Savvas.com
800-848-9500

Copyright © 2021 Savvas Learning Company LLC. All Rights Reserved. Savvas™ and Savvas Learning Company® are the exclusive trademarks of Savvas Learning Company LLC in the US and in other countries.

Google and the Google logo are registered trademarks of Google, LLC. OneDrive is a registered trademark of Microsoft Corporation. Canvas® is a registered servicemark of Instructure, Inc. Schoology™ is a trademark of Schoology Inc. ExamView® is a trademark of Turning Technologies, LLC, which was not involved in the production of, and does not endorse, this product. MATHXL is a trademark owned and/or registered by Pearson plc and/or its affiliates. All other logos are the property of their respective owners and do not imply endorsements. All other third party marks are the property of their respective owners.

SAM: 9781428492448 ADV: 9781428492455

Join the Conversation
@SavvasLearning



Get Fresh Ideas for Teaching
Blog.Savvas.com

0621.MRH.D1.561M965