SAVVAS

enVision® Mathematics
Oklahoma

Kids See the Math. Teachers See Results.

OKLAHOMA

Made for Oklahoma!

Teach using multiple modalities and tiers. All resources support Oklahoma standards and assessments. You don't have to look anywhere else!

Student Edition, 2 Volumes*

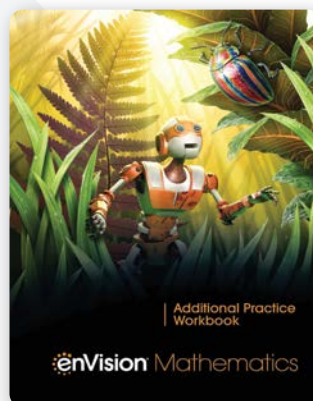*(Print and online interactive Realize Reader™)*

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

### Oklahoma Student Companion

(Print and online)

These custom "Just for Oklahoma" lessons ensure that every OAS is addressed.

Additional Practice Workbook*

*(Print, online Interactive Realize Reader, editable Word® doc)*

The student workbook includes two pages of additional practice for each Student Edition lesson. MathXL®for School version online offers instant feedback and personalized learning.
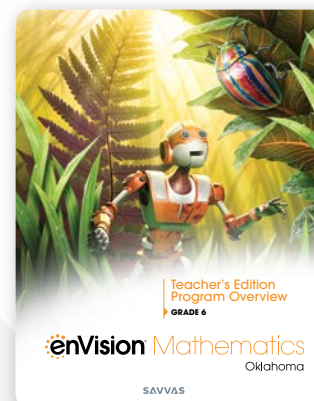
Oklahoma Teacher's Edition Program Overview

(Print and online PDFs)

A user's guide and PD resource in one! Explore OAS Correlations, pacing, OK lesson support, and guidance on program components.
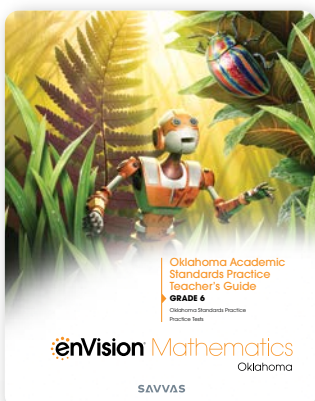
OAS Practice Teacher's Guide

(Print and online PDFs)
Two pages of practice for each Oklahoma Academic Standard and two practice tests.
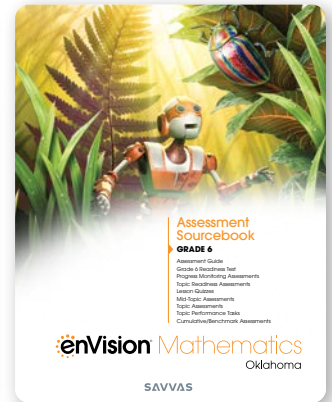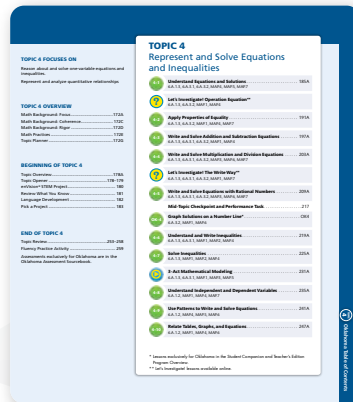
Language Support Handbook

(Print and online PDFs)
Topic and lesson specific instructional support promotes language development.

Available in Spanish enVision Matemáticas.

Teacher's Edition, 2 Volumes

(Print and online Realize Reader)

Topics and lessons align to standards and balance instructional focus, coherence, and rigor. Embedded math background and PD.

Oklahoma Teacher's Edition, Tabs

(Print and online)

Inserts easily into your Teacher's Edition to view alignment of Topics and lessons to Oklahoma Academic Standards (OAS) for Mathematics.

Teacher's Resource Masters, 2 Volumes*

(Print, online PDF, and editable Word doc)

- Reteach to Build Understanding
- Additional Vocabulary Support
- Build Mathematical Literacy
- Enrichment
- *enVision* STEM Project
- Pick a Project

Oklahoma Assessment Sourcebook

(Print and online PDFs and editable Word doc)

Assessment masters, answer keys, and alignment charts to OAS.

- Readiness Tests
- Topic Assessments and Performance Tasks
- Lesson Quizzes
- Mid-Topic Assessments
- Cumulative Assessments
- Progress Monitoring Assessments

Savvas Math Screener & Diagnostic Assessments (New additional option)

An unrivaled screener and diagnostic solution, created in partnership with WestEd® and delivered through Savvas Realize®.

- Quickly identify student proficiency of precursor skills with a short, accessible screener.
- The Multistage Adaptive Diagnostic produces norm-referenced results.
- Diagnostic reports pair data with standards-aligned instructional resources.

Oklahoma Digital Courseware on Savvas Realize®

All *enVision Mathematics Oklahoma* resources are available on **SavvasRealize.com**. Easy-to-navigate content aligns to the standards and 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™, and Google Drive™.

enVision® Mathematics

Oklahoma

You're going to love what you see. *enVision® Mathematics Oklahoma* © 2025 for grades 6-8 helps develop deep conceptual understanding, personalize learning, and use student data to inform instruction.

1

Build Understanding

Problem-Based Learning and Visual Learning deepen conceptual understanding of mathematics.

2

Personalize Learning

Formative and summative assessments drive differentiated instruction.

3

Get Expert Instructional Support

Meaningful, accessible instructional support provides flexibility for planning and instruction.

Let's Investigate!

Let's Investigate!, 3-Act Math, Pick a Project, and *enVision* STEM Projects invite every student's input to build a collective understanding of new ideas.
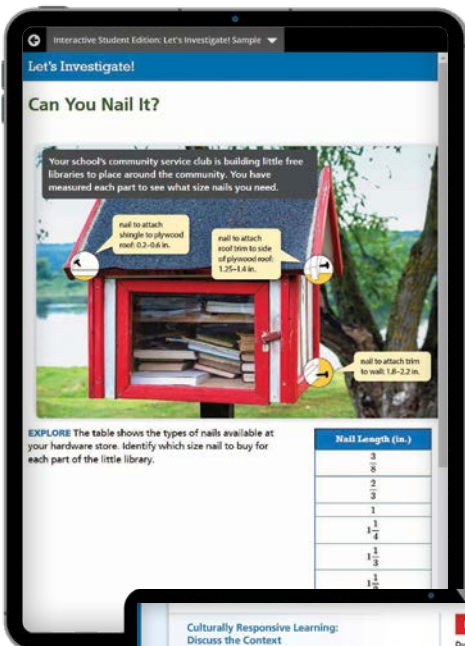
Student-Led Exploration

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. Provided online, these resources can be easily printed.

- **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 a **student growth**.
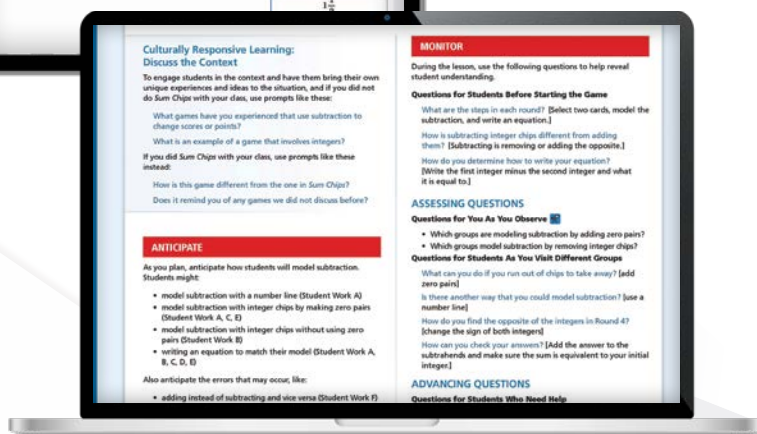
Using the 5 Practices

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.

Anticipate Needs

- 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

See What They Can Do

Engaging, motivationally-rich tasks make math inviting and interesting for all students. These low-threshold, high-ceiling opportunities offer students unique math experiences.

3-Act Math

Build students' confidence to think mathematically and solve problems on their own.

ACT 1: THE HOOK
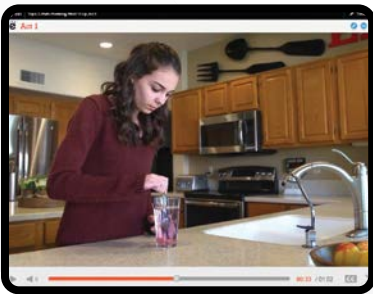
A video or photo hooks students with the task and provokes questions.

ACT 2: THE MODEL
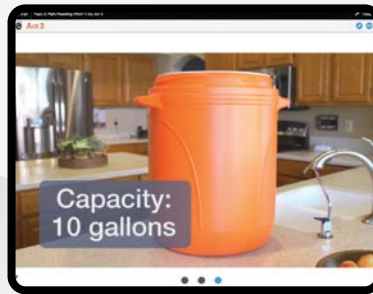
Students develop mathematical models to arrive at a solution that makes sense to them.

ACT 3: THE RESOLUTION
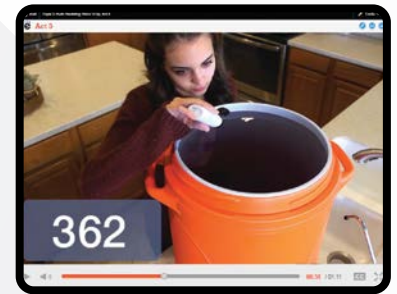
Visuals help students explain differences between their own conjectures and a possible solution.

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.

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

Student Choice, Differentiation, Open-Ended Rich Tasks

Mammalian Marathon

There are over 7 million animal species in the world. Each species has an average running pace. The fastest mammal on Earth is the cheetah, which can run as fast as 69.5 miles per hour (mi/h). The slowest mammal on earth is the three-toed sloth, which creeps along at about 0.08 mi/h.

Humans race against each other and a wide variety of animals. Sometimes humans ride on animals, such as horses or camels, as they race toward a finish line. Other races involve a single type of animal (greyhounds, hamsters, or mice, for example) racing against each other.

Your Project Predict Race Results

What are some fast animals you can think of? What are some slow ones? How fast can you run? Think about how you could predict who would win a race.

Research the speed of at least four different animals. Then time how long it takes you to run $\frac{1}{4}$ mile (1 lap around a track). If you and these four types of animals ran a marathon at those speeds, who would win? How far into the race would the four other racers be when the winner crossed the finish line? Write a sports article or record a sports newscast to predict the outcome of this race. Use the information you learned in this topic to justify your predictions.
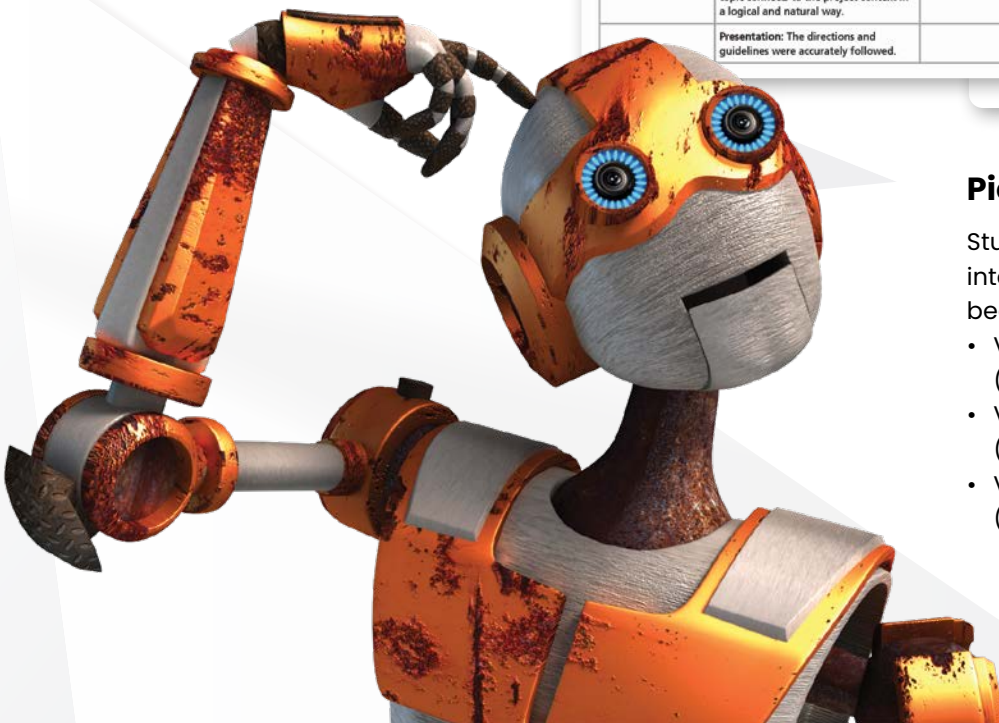
Sounds of Music

The size of an instrument determines the range of pitches it can produce. A guitar produces lower pitches than a violin, and a cello produces lower pitches than a guitar.

There are other ways to control the sound an instrument produces, however. Where you press a guitar string affects the pitch of the string when you pluck it—pressing halfway along the string produces a pitch an octave higher than pressing the top of the string. How a piano is tuned affects the pitch of a string when you play a note.

Your Project Play Music

Research how composers and musicians use ratios and proportions in music. Find or compose a piece of music and identify three ratios between notes. Make a video of yourself playing the piece of music. In your video, include a segment in which you explain how the changes in pitch are proportionally related.

Sample Scoring Rubric

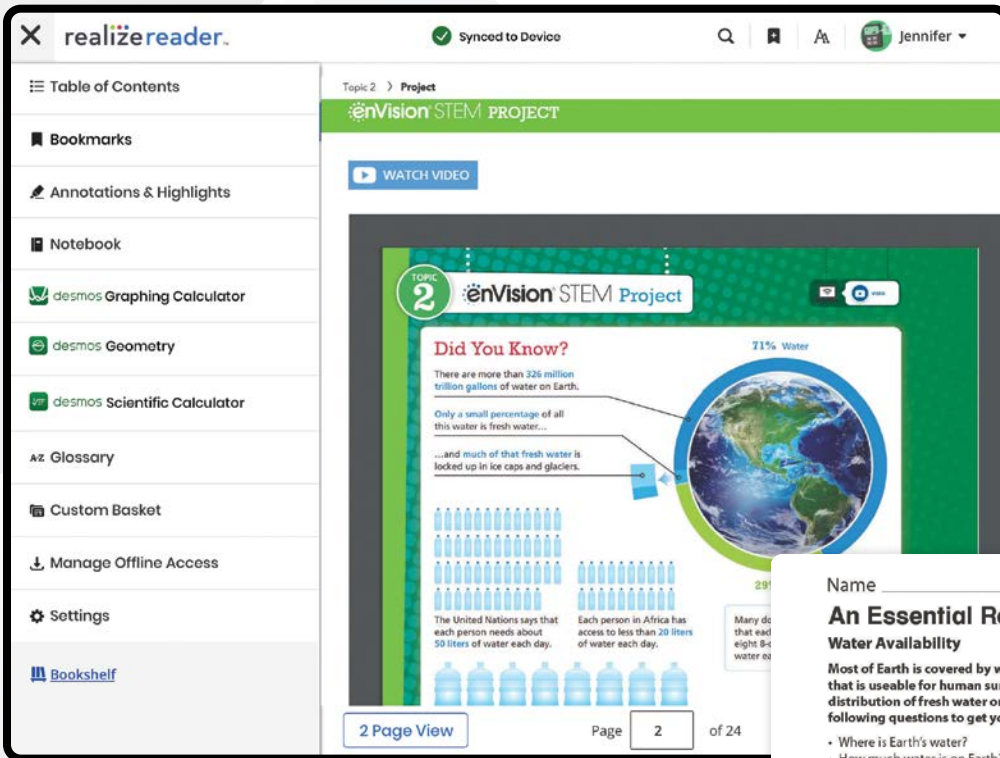|	Below Expectations (0–1 point: Explain.)	Meets Goal (2 points)	Above Expectations (3–4 points: Explain.)
Mathematics: The project accurately demonstrates understanding of a key mathematical concept from the topic.			
Context: The mathematics from the topic connects to the project context in a logical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

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)

enVision STEM Project

- Kick off each Topic with an in-depth STEM Project you can tailor to fit the needs of your classroom.

- Launch with NBC Learn™ videos for every project!

- Explore situations that focus on solving a problem based on real-world applications.

- Designed for flexible implementation.

- Projects incorporate the engineering process.

Embedded Interactivities Powered by Desmos™ Graphing Calculator

- **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* – switches, sliders, and buttons** enable more focused student exploration.

- **Access Desmos any time.** Students and teachers can open the Anytime Tool powered by Desmos on demand.
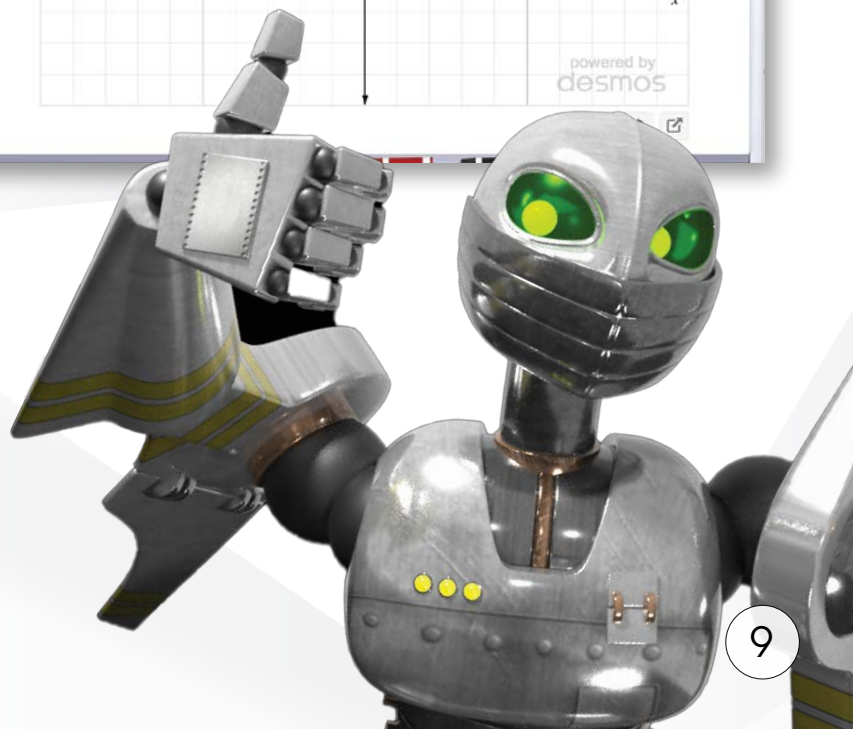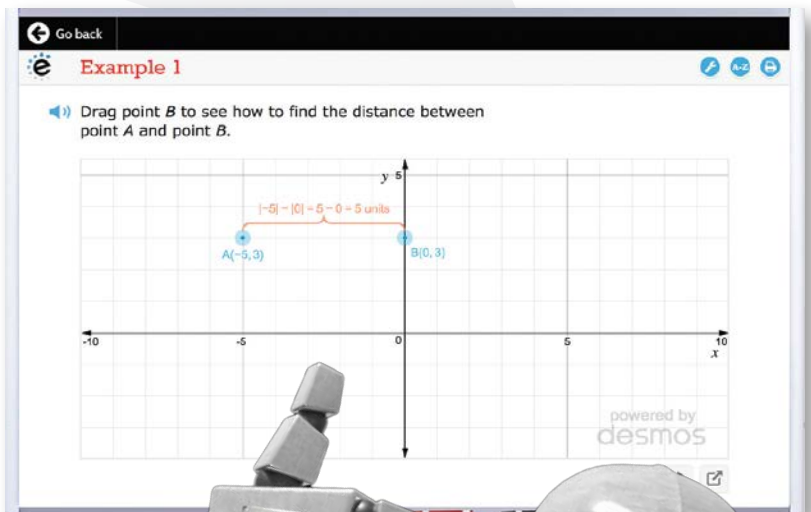
I Can See Clearly Now!

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

Clear, Intentional Lesson Design

STEP 1
Problem-Based Learning

STEP 2
Visual Learning

STEP 3
Assess & Differentiate

STEP 1
Problem-Based Learning

Solve & Discuss It!

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

Solve & Discuss It! Online

Interactive workspace engages students and encourages active participation in learning.

Language Support Handbook

Topic and lesson-specific instructional support promotes language development including support for academic vocabulary.

English Language Learners

Lessons include a Language Objective and ELL instruction to support different levels of English proficiency aligned with WIDA specifications.

Manipulatives Kits
Allow students to engage in concrete modeling when developing abstract thinking.

BouncePages

Launch Visual Learning Animation Plus videos from the student page with BouncePages.SavvasRealize.com.
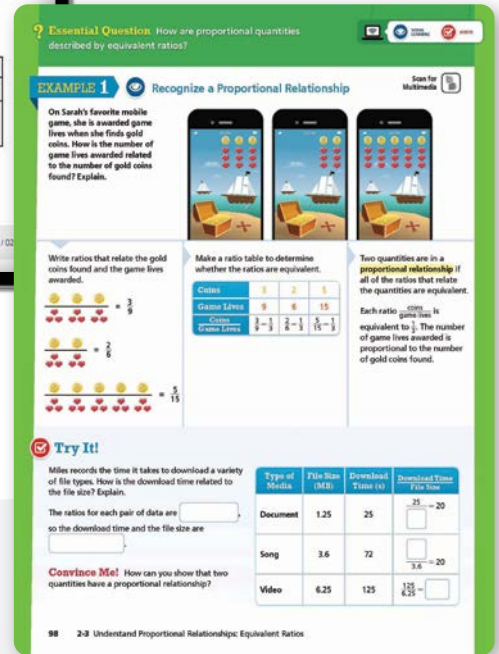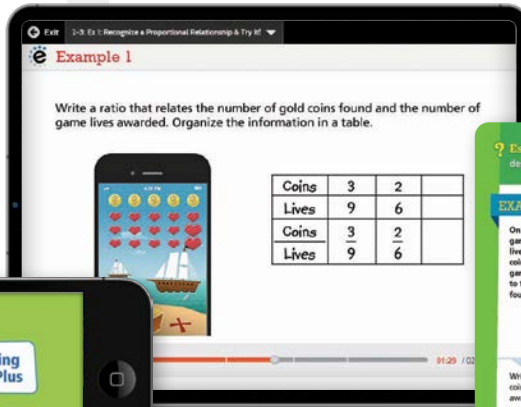
STEP 2

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 drive decision-making.
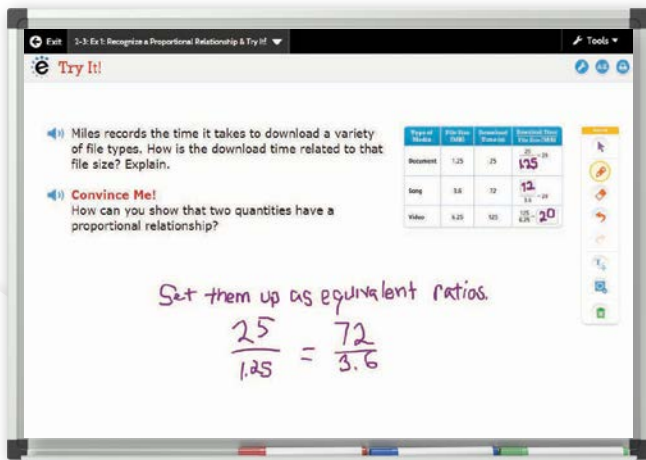
Try It!/Convince Me! Online

Explain, justify, use reasoning. Animations facilitate class discussion. Convince Me! connects back to the Essential Question.
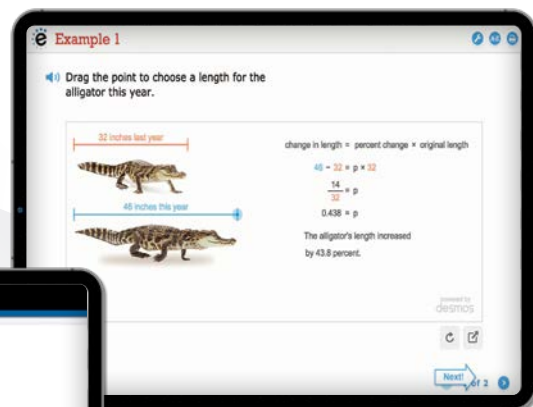
STEP 3
Assess and Differentiate

Ensure that students understand lesson concepts and are prepared for Oklahoma assessments.
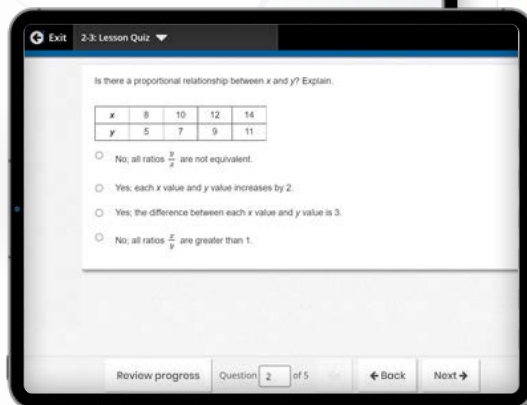
Additional Examples

More examples allow for additional direct instruction options. Digital only examples are also included.

Practice with a Purpose

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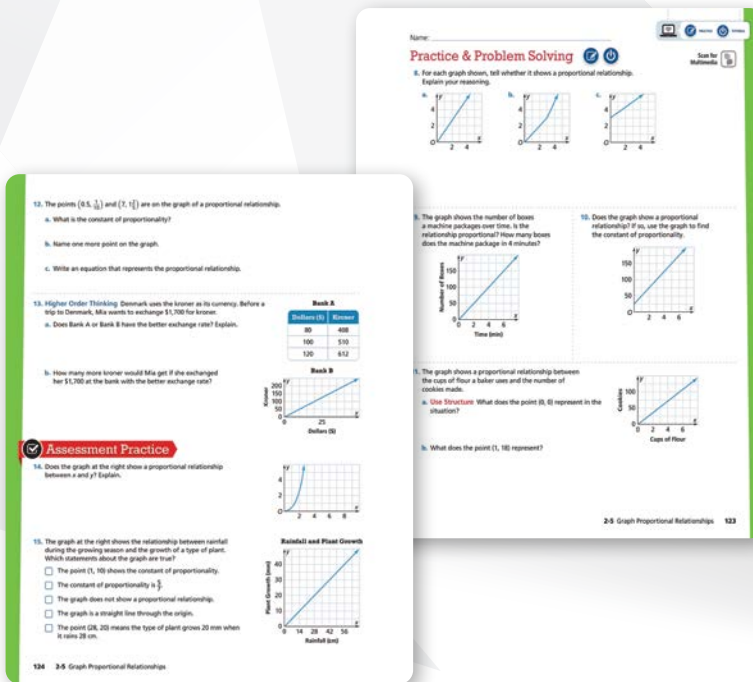
Practice and Problem Solving

- Build mathematical proficiency
- Promote higher-order thinking
- Help prepare students for Oklahoma assessments

MathXL® for School: Additional Practice

Instant feedback and learning aids help all students be successful.

MathXL® for School: Practice & Problem Solving

Students are engaged as they practice and apply math ideas.

MathXL® for School: Enrichment

Students select tools to personalize their learning.
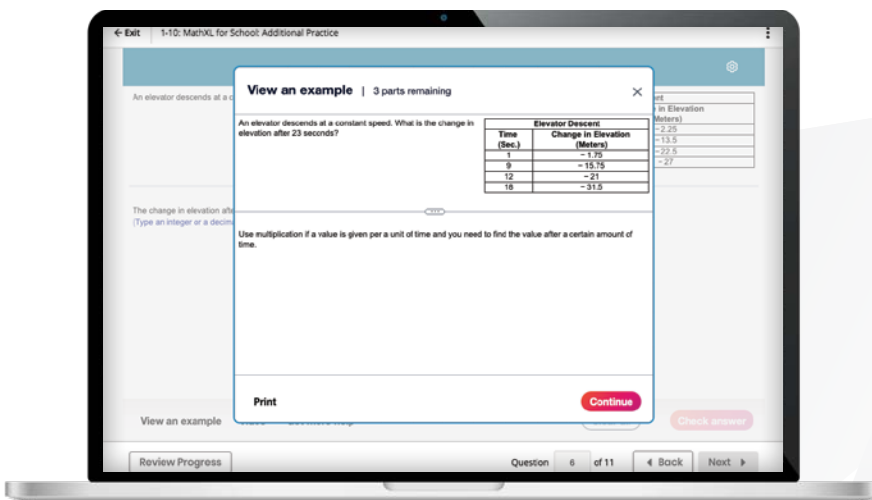
Additional Practice*

- Leveling allows teachers to personalize skill and problem-solving.
- Reinforce vocabulary and higher-order thinking.
- MathXL® for School practice provides dynamic support for homework. Autoscored.
- Print workbook and online Interactive Realize Reader™ formats.
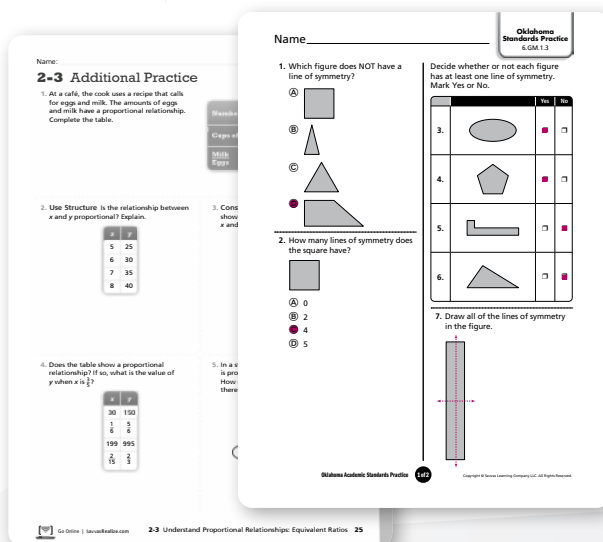
Available in Spanish.

Oklahoma Standards Practice

- Provides focused practice for the Oklahoma Academic Standards.
- Prepares students for assessment success.
- Teacher's Guide provides Practice Tests A & B, item-analysis charts, and answer keys.
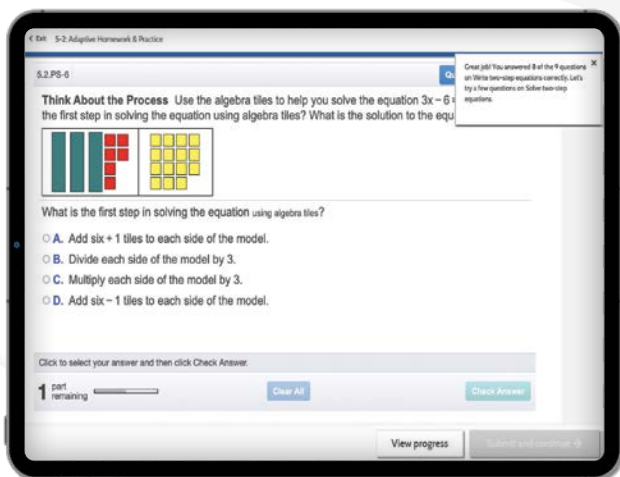
Savvy Adaptive Practice

- Personalized practice in real time focuses on key concepts.
- A brand new, transparent engine informs 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.

Virtual Nerd® Tutorial Videos

- Dynamic Whiteboard™ feature allows students to see diagrams and all the steps.
- Approachable explanations delivered by on-screen instructors.
- English and Spanish closed-captioning.
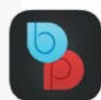
BouncePages

Launch Virtual Nerd videos from student pages with BouncePages.SavvasRealize.com.

Academic Vocabulary Activity

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 partner activities.

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.

Focus on Math and Language Development

Language Development for All Students

Language Support Handbook provides Topic and lesson instructional support that promotes language development. Includes teaching support for academic vocabulary and more!
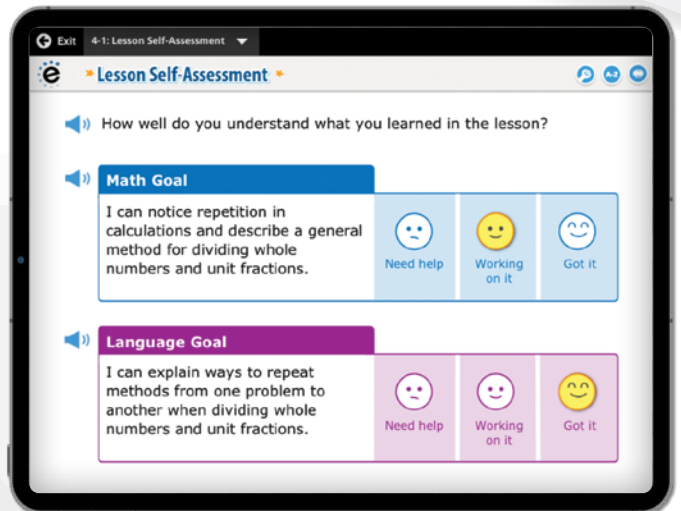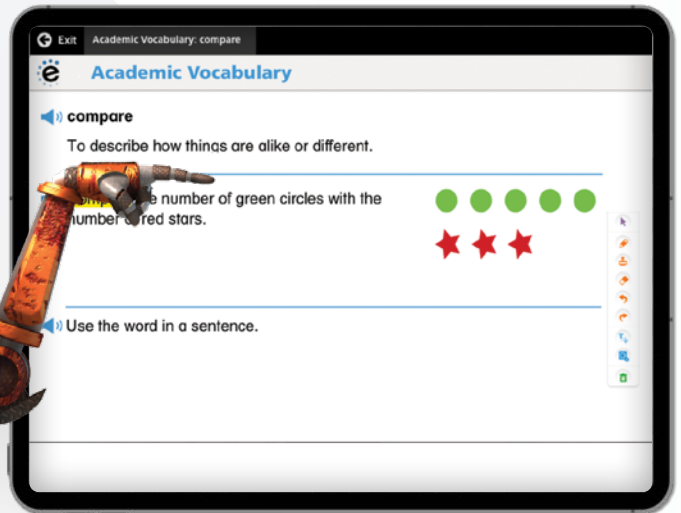
Lesson Self-Assessment

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

Assess to Differentiate

The *enVision®* Assessment Suite offers options to move students toward mastery while driving instructional differentiation.
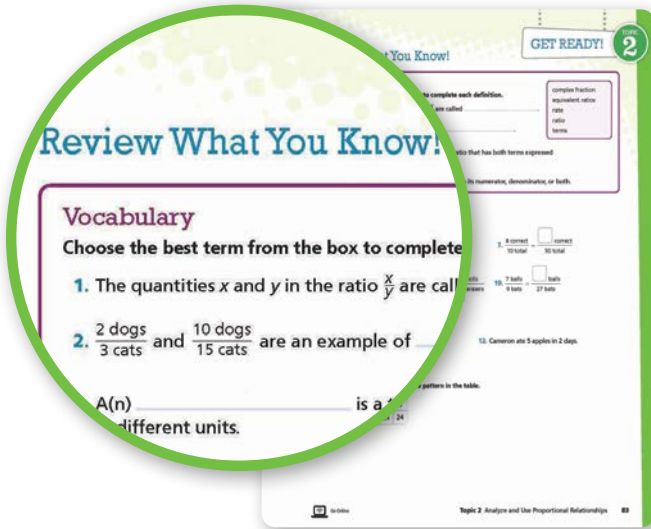
DIAGNOSTIC Assessment

- Readiness Assessment
- Topic Readiness Assessment
- Diagnostic Test
  (Math Diagnosis and Intervention System)
- Review What You Know
  (Topic Level)

FORMATIVE Assessment

- Try It! and Convince Me!
- Do You Understand?/Do you Know How?
- Lesson Quiz
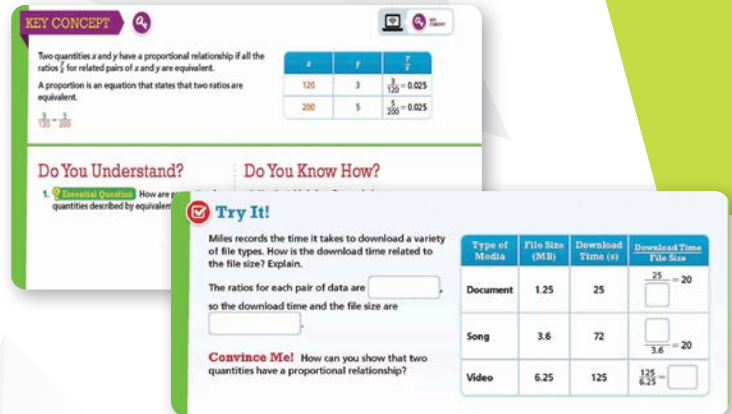
SUMMATIVE Assessment

- Topic Assessments
  (Forms A and B)
- Topic Performance Assessments
  (Forms A and B)
- ExamView® Test Generator
- Fluency Assessments
- Cumulative/Benchmark Assessments
- Progress Monitoring Assessments
  (Forms A, B, and C)
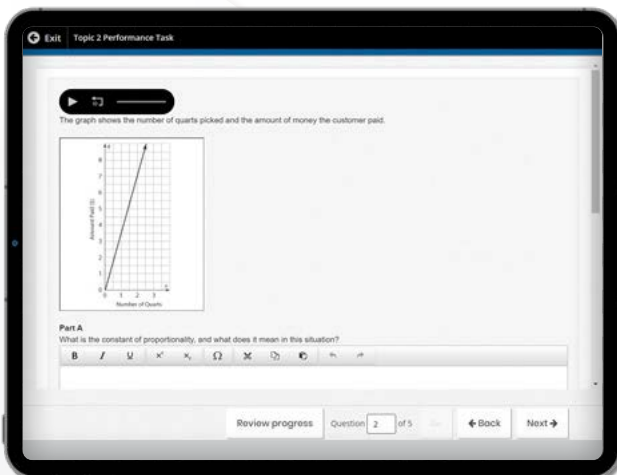
Gain Meaningful Insight

A variety of auto-generated reports show standards mastery on assessments, overall progress, and usage data. It's all on SavvasRealize.com.

Data reports help drive differentiation.
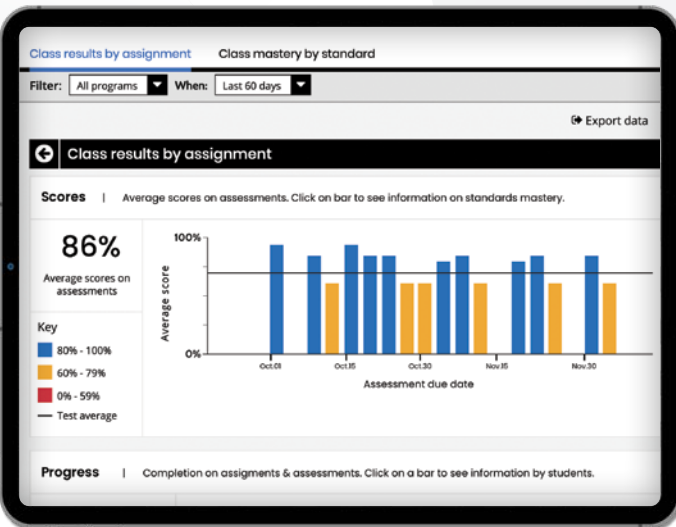
Savvas Math Screener and Diagnostic Assessments (MSDA)

Add the MSDA to your *enVision*® program via the Savvas Realize® platform and collect actionable data to inform instruction for Grades K-8.

Data Overview

Reports including scores and progress are provided in an easy-to-view format.
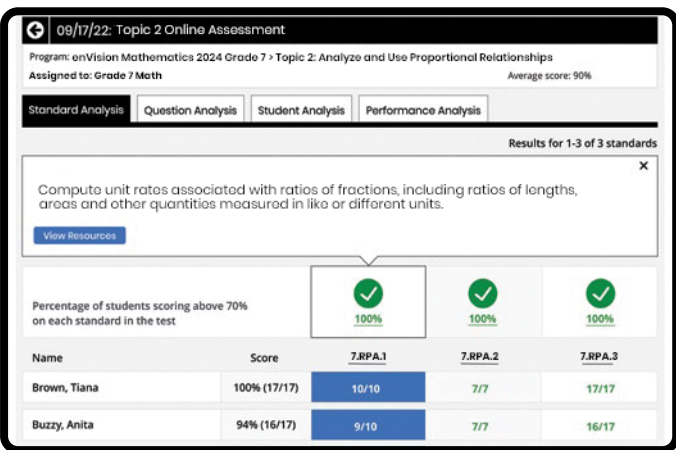
OAS Analysis

In-depth information is provided about student assignments and content mastery.
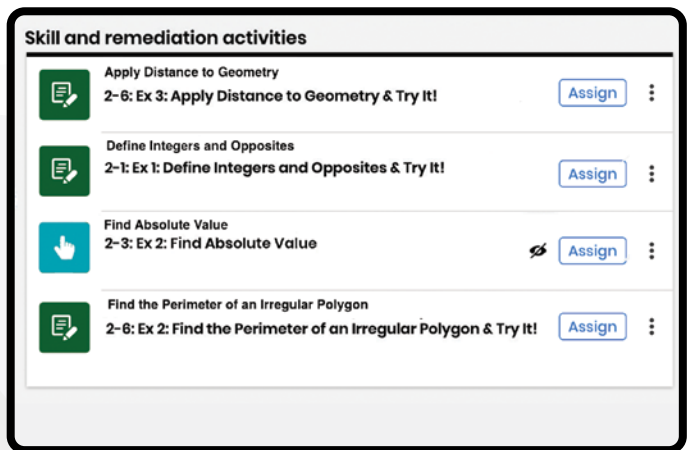
Auto-Assign Differentiation

Differentiation is based on results of the online Lesson Quiz, Topic Readiness Assessment, Topic Assessment, and Cumulative/Benchmark Assessment.
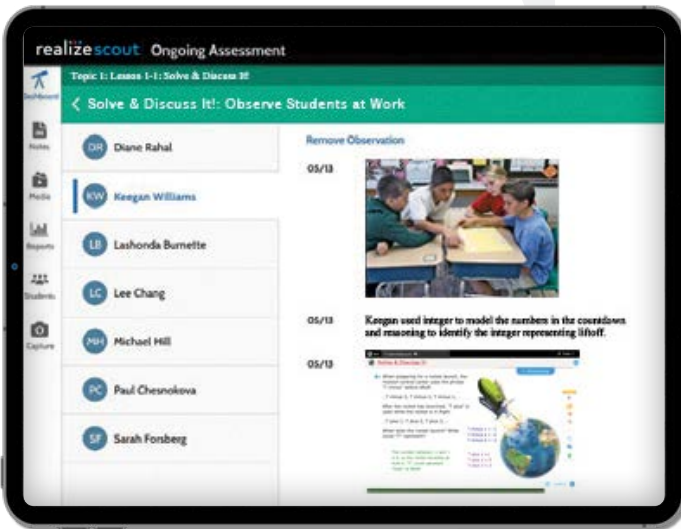
Savvas Realize® Scout Observational Assessment Tool

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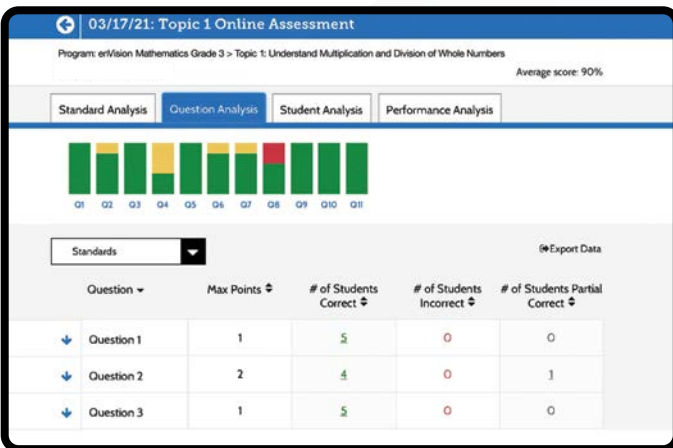
Question Analysis

Analyze the results to identify misconceptions stemming from individual questions. See trends across student data and drill down into individual performance.
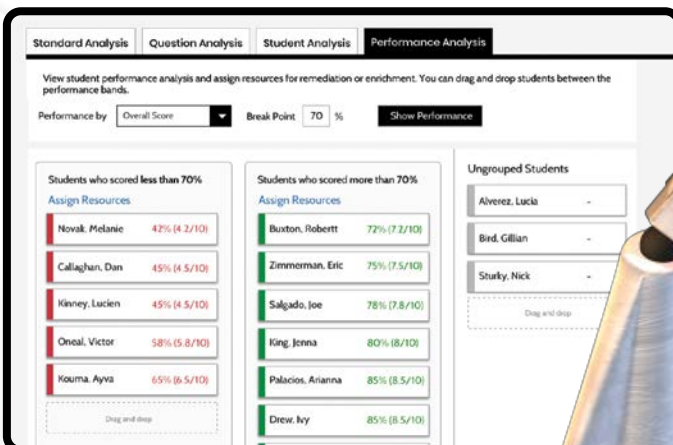
Performance Analysis

Easily group students based on their performance on an assessment and assign targeted resources.
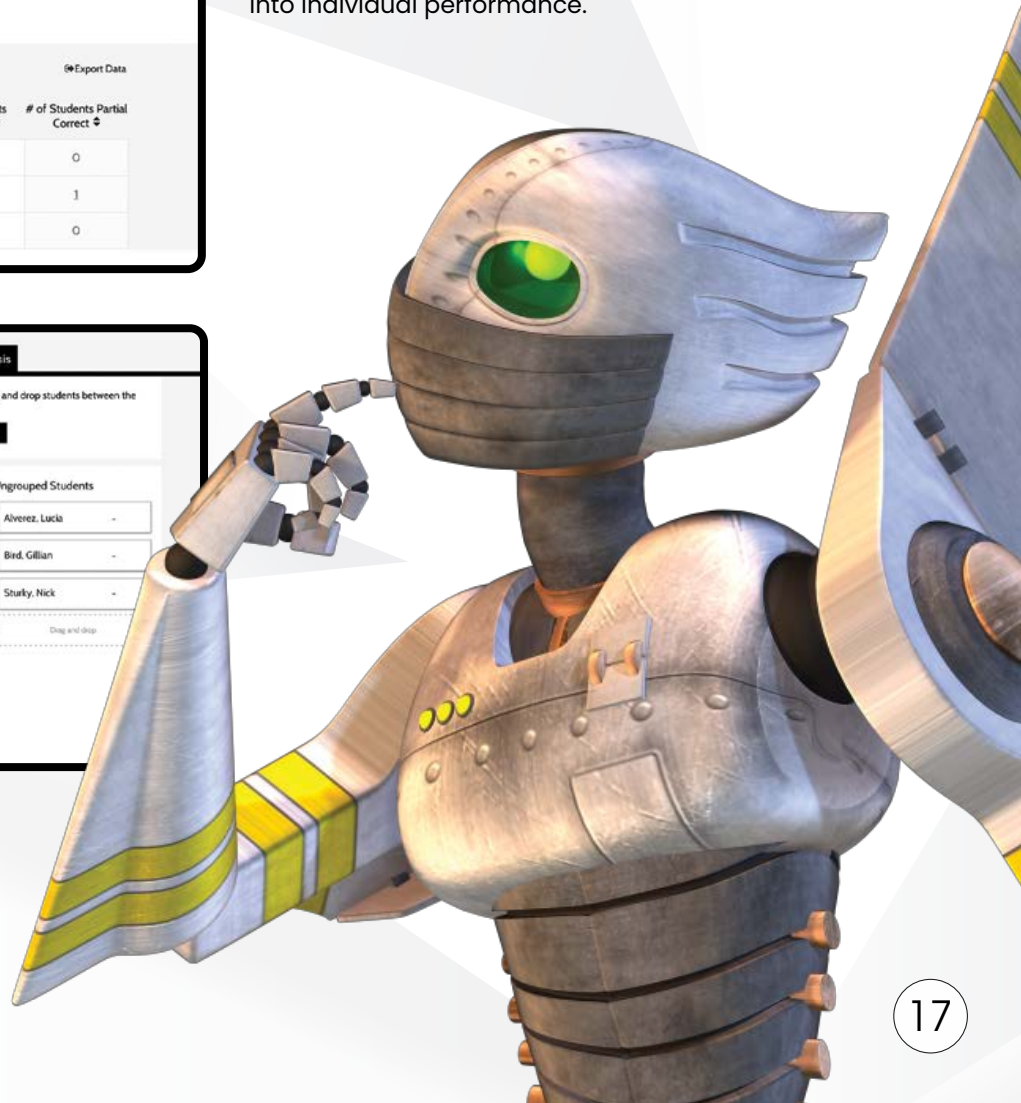
Focus on Each Learner

Differentiation options encourage and challenge students of all learning levels.

TARGETED INTERVENTION As needed ANYTIME

I INTERVENTION **O** ON-LEVEL **A** ADVANCED

Differentiation Library

Additional Vocabulary Activities **I** **O**

Support for ELL students builds mathematical understanding.

Build Math Literacy **I** **O**

Reading support helps students read and understand examples from the lessons.

Reteach to Build Understanding **I**

Stepped-out, scaffolded support solidifies understanding with a fresh approach.

Additional Practice **O** **A**

Additional practice pages to reinforce understanding of lesson concepts. Available as print Workbook, online Math XL® for School, Interactive Realize Reader™, and editable Word® Doc.
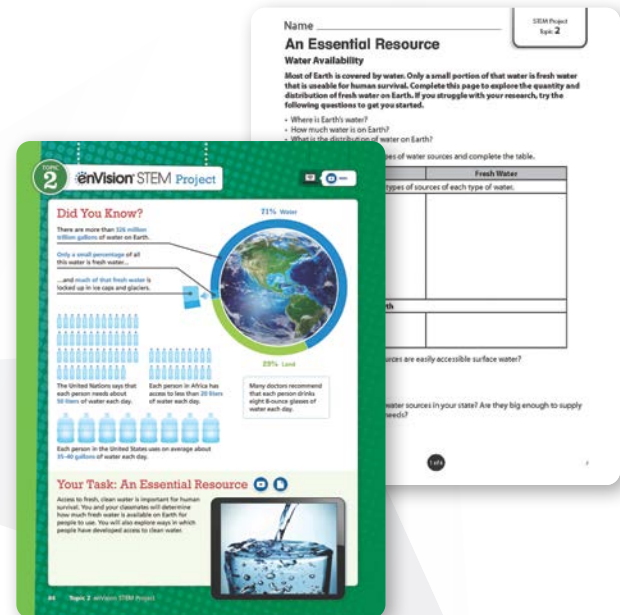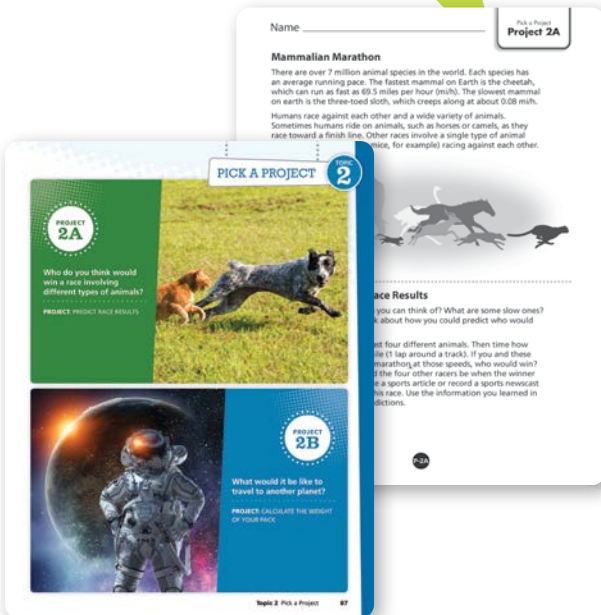
Pick a Project I O A

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

STEM Projects I O A

Projects focus on solving a problem based on real-world applications to demonstrate the value of math.
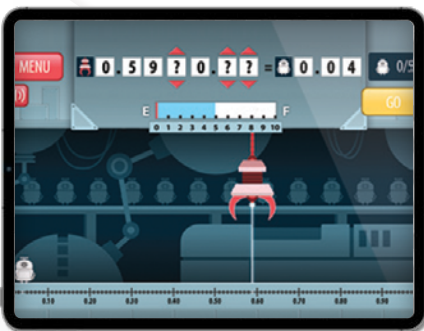
Technology Center I O A

Math Tools and Math Games reinforce concepts, critical thinking, and application.
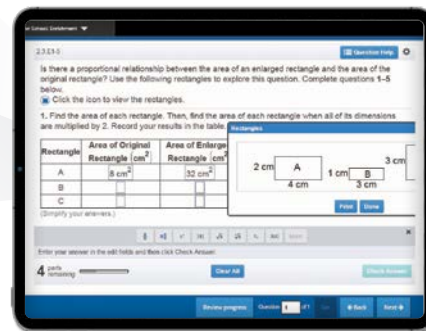
Enrichment O A

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

Accelerated Grade 7 program pathway is offered as well.

Complete print and digital accelerated program prepares students for Algebra in Grade 8.

Individualized study plan addresses skill gaps for each Topic.

- Topic Readiness Assessment screens every student's understanding of Topic prerequisite content.
- Each student is automatically assigned study plan lessons tailored just for him/her.
- Lessons include Reviews, Examples, and Practice to fill gaps and keep students on track.
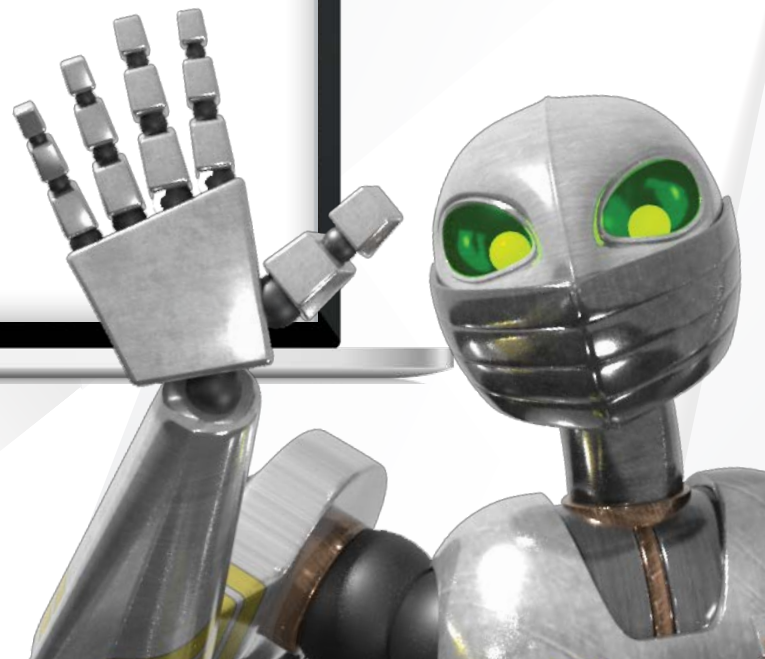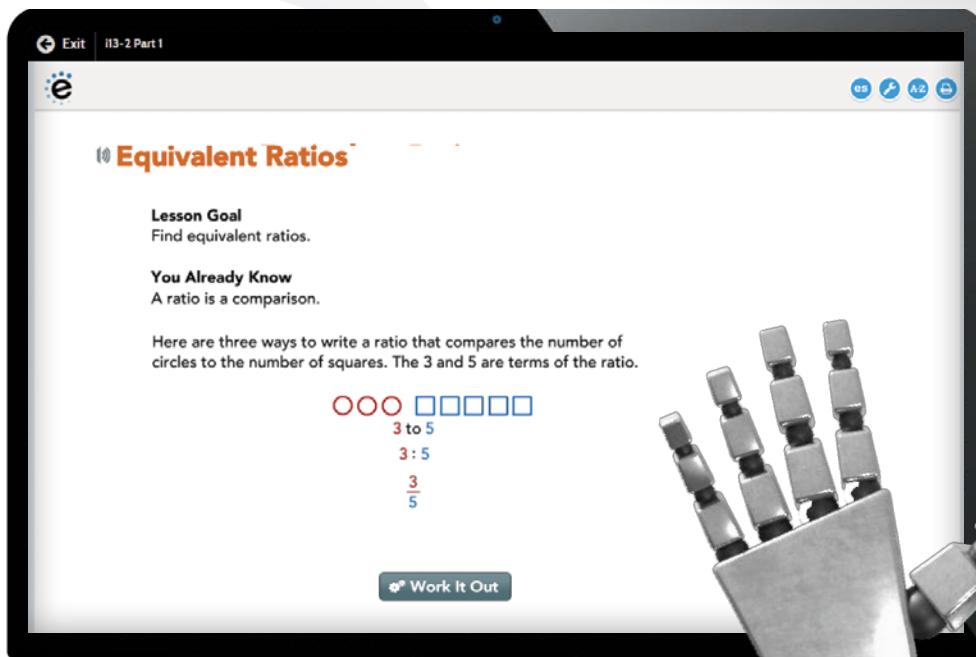
TIER 3: Intensive Intervention System (MDIS)

The *enVision® Mathematics* **Math Diagnosis and Intervention System (MDIS)** helps diagnose students' needs and provide effective intervention that's more intensive and individualized.
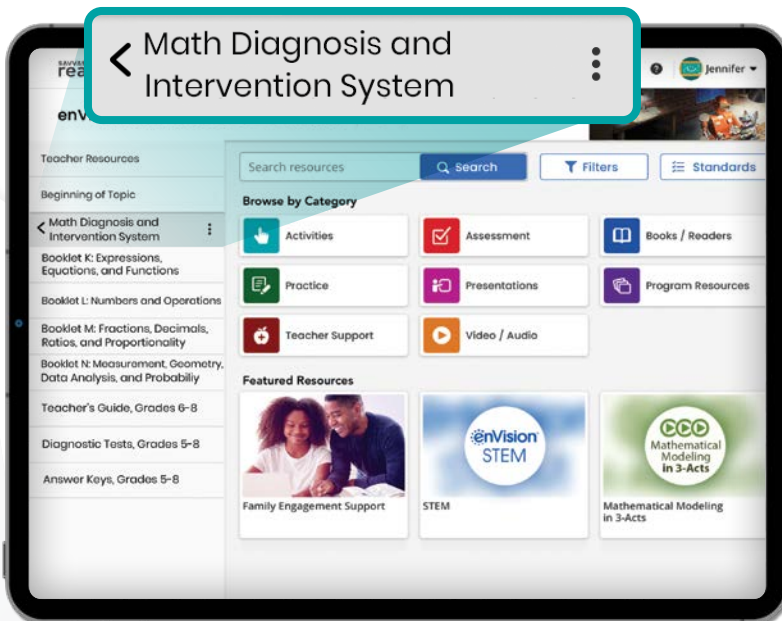

- **Diagnostics** Use the diagnostic tests in the system. Also, use the item analysis charts given with program assessments at the start of a grade or Topic, or at the end of a Topic, group of Topics, or the year.

- **Intervention Lessons** These two-page lessons include guided instruction followed by practice. Teachers can assign lessons that are below grade level if needed.

- **Teacher Support** Teacher Notes provide the support needed to conduct a short lesson. The lesson focuses on vocabulary, concept development, and practice.

- **Teacher Guide** This guide contains individual and class record forms and correlations to Student Edition lessons.

Looking for an Adaptive and Intensive Intervention Solution?

SuccessMaker® Math is a confidence maker—proven to improve students' mathematics performance.
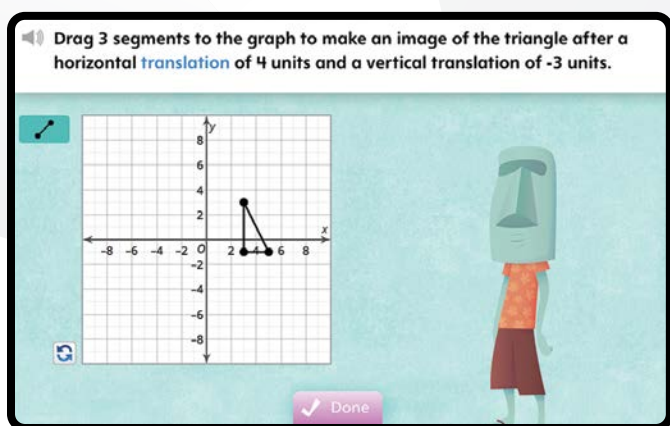

TIER 3: SuccessMaker
Adaptive Learning

**SuccessMaker** calibrates with every question:

- Uses direct connections from *enVision® Mathematics.*

- Available in 60+ languages.

- Identifies specific Topics in *enVision Mathematics* for remediation.

- Teachers have the flexibility to use a range of *enVision Mathematics* resources at each level.

- Helps get learners back to grade level if struggling, or ahead if advanced.

- Continuously adaptive so students get exactly the right content at exactly the right time to close learning gaps.
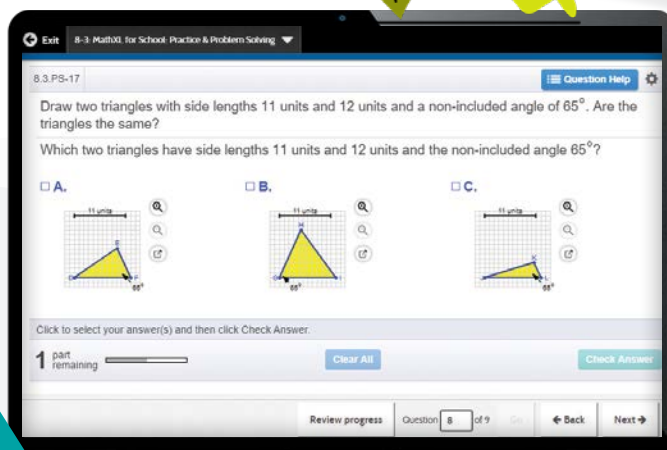
ESSA "Strong" Evidence-Based Intervention

See the Big Picture

Gain a new perspective on your teaching with embedded strategies, methods, and a wide range of Professional Learning opportunities in print & digital formats.
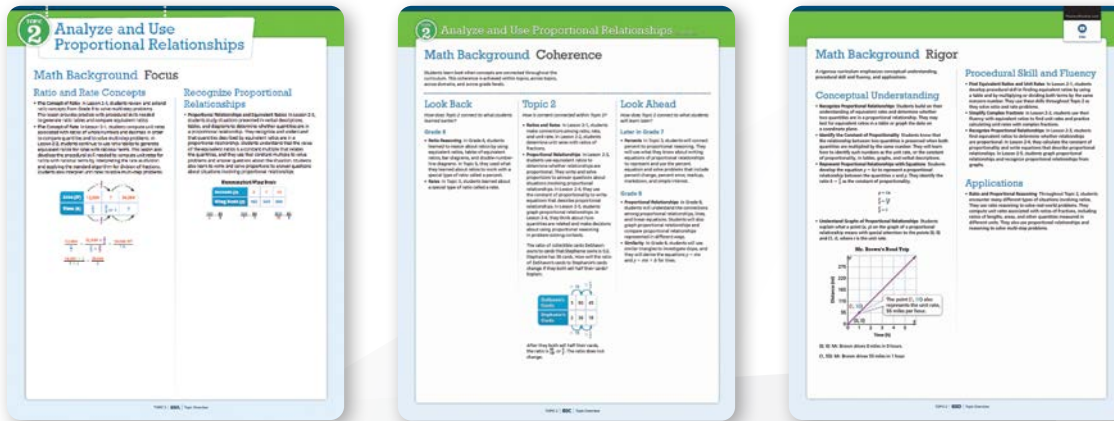
Ideas, inspiration, and teaching methods.

Math background for Topics and Lessons serves as an easy-to-access math methods course.

Make every lesson perfect for you.

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

- Search by keyword or OAS
- Customize lessons
- Reorder lessons and Topics
- Align to your district framework
- Assign to Google Classroom™
- Add Google Drive™ files
- Integrate Microsoft® OneDrive®
- Integrate with Canvas® and Schoology®
- Upload your own content

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.

CANVAS

Schoology

Google for Education Partner

Google and the Google logo are registered trademarks of Google, LLC.

Managing Classes

**Classroom and Professional
Learning on SavvasRealize.com**
give important perspectives on
math concepts and show the
program in action.

**Listen and Look
for Videos** provide
key details, models,
and insights for
highlighted
lessons. Modeled
learning offers
valuable support.
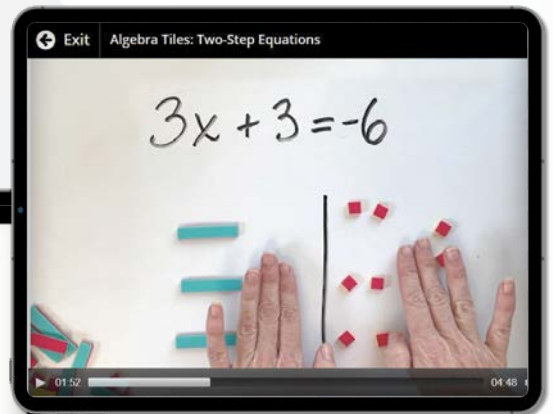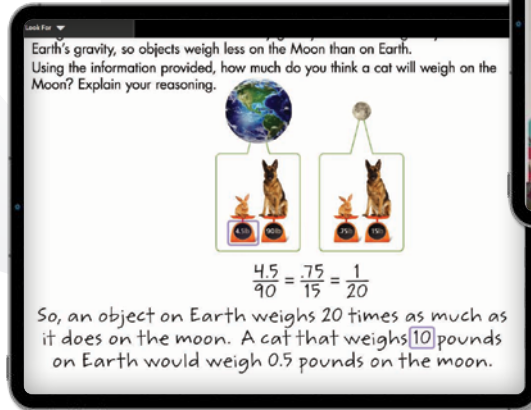
Using Manipulatives Videos
offer teacher tutorials and
guidance to engage students
in concrete modeling.
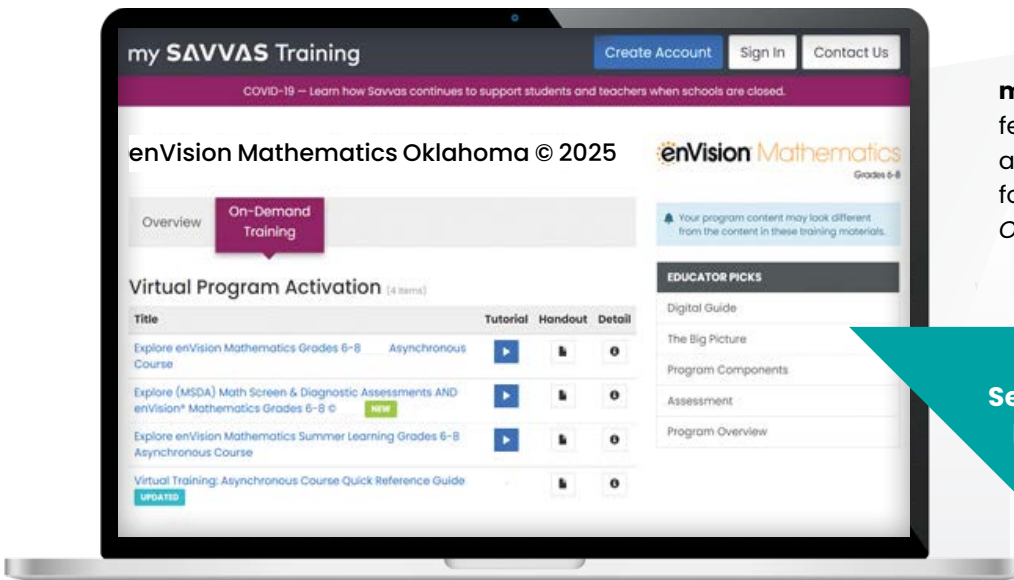
mySavvasTraining.com
features many online tutorials
and quick-start guides
for *enVision® Mathematics
Oklahoma.* Available 24/7!

**Seamless Integration
Makes Everything
Easier**

Support Math Learning at Home

Family Engagement materials provide teachers with easy-to-share tools that inform students' support networks. 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.

Lesson-Level Support

Families are provided with video tutorials and vocabulary review that support standards.
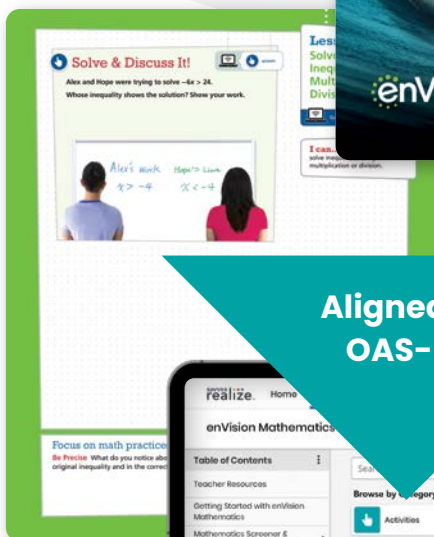
Accelerated Grade 7 Resources

Does your school implement an accelerated math pathway? *enVision®* *Mathematics* Accelerated Grade 7 prepares students for Algebra in Grade 8.
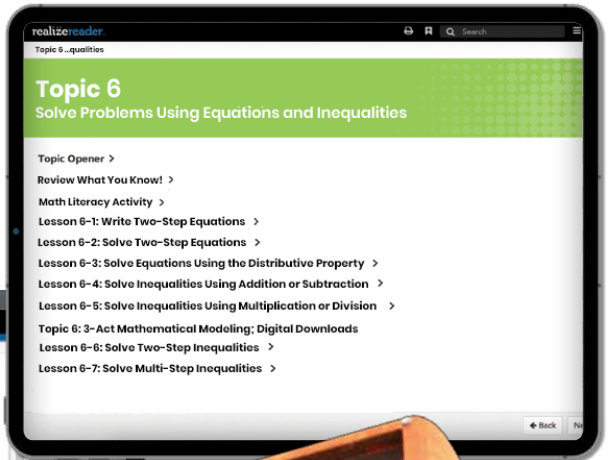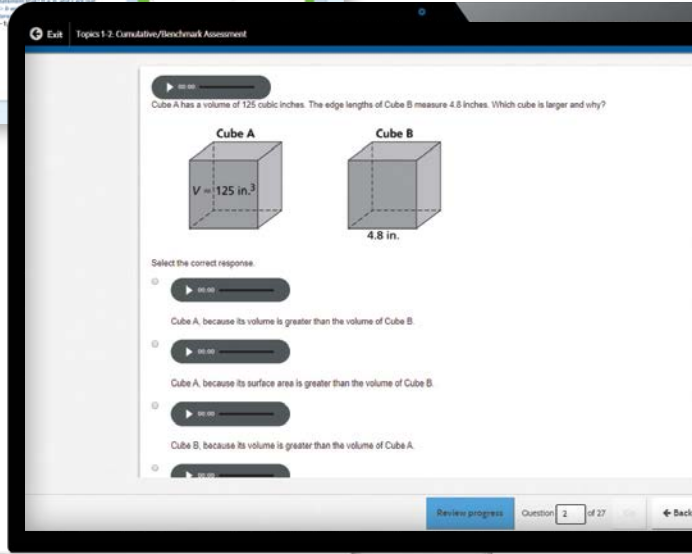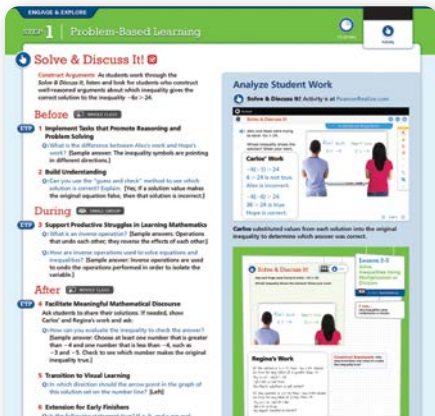
Aligned to OAS-M

Table of Contents

Cube A has a volume of 125 cubic inches. The edge lengths of Cube B measure 4.8 inches. Which cube is larger and why?

Cube A

$V = 125$ in.^{3}

Cube B

4.8 in.

Select the correct response.

- Cube A, because its volume is greater than the volume of Cube B.
- Cube A, because its surface area is greater than the volume of Cube B.
- Cube B, because its volume is greater than the volume of Cube A.
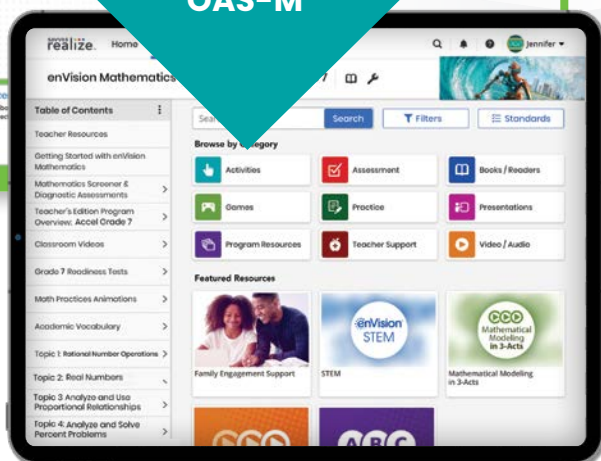
Components:

- Student Edition
- Oklahoma Lessons Online
- Teacher's Edition
- Teacher's Edition Program Overview
- Additional Practice Workbook
- Assessment Sourcebook
- Teacher's Resource Masters
- Language Support Handbook
- SavvasRealize.com