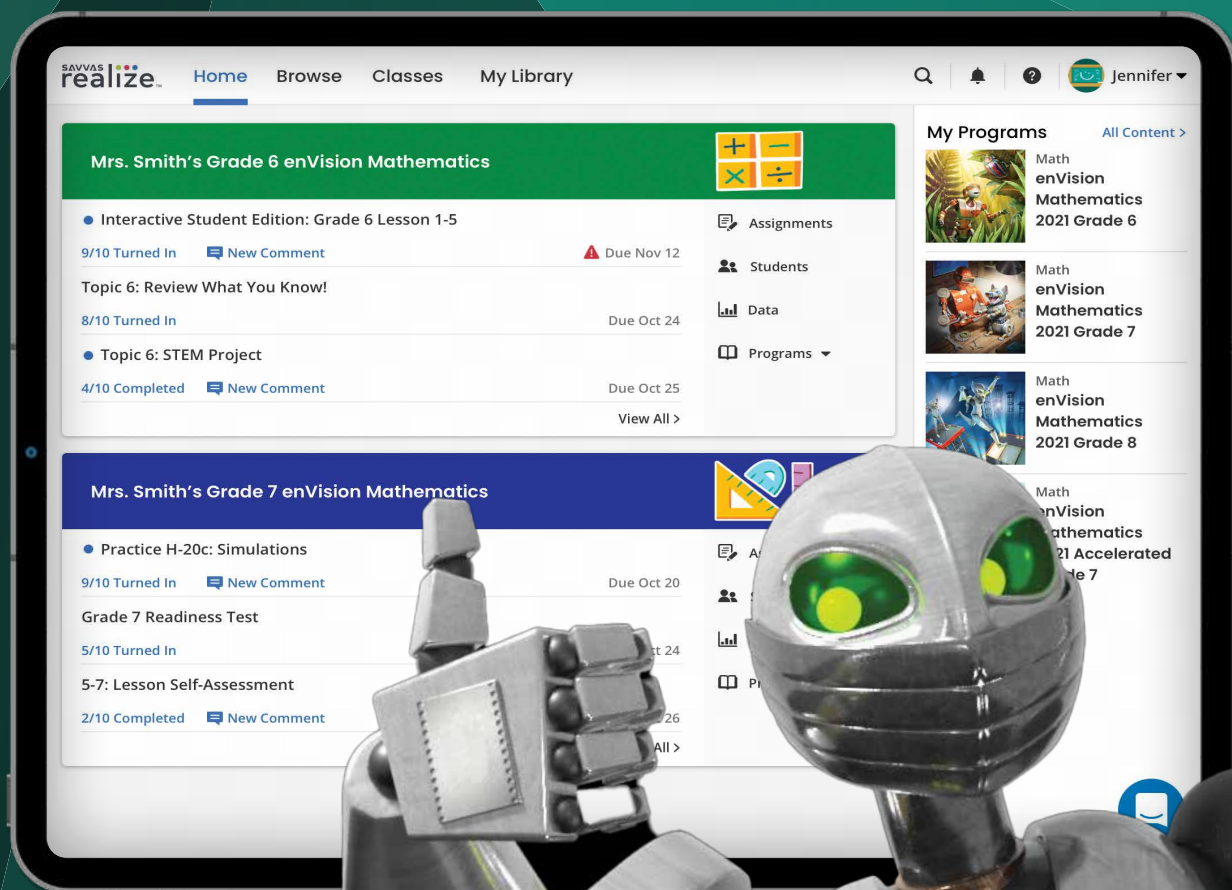




Kids See the Math. Teachers See Results.



# enVision<sup>®</sup> Mathematics

Kids See the Math. Teachers See Results.

Savvas Realize<sup>™</sup> is the online learning management system for *enVision<sup>®</sup> Mathematics*. A full suite of personalized teaching and learning tools helps students master state standards.

## Guided Tour

Student Experience	4	Classes & Assignments	17
Teacher Experience	6	Customization	18
Logging On	8	Scoring	19
Home Page	9	Student Data	20
Table of Contents	10	Administrator Tools	21
Realize Reader <sup>™</sup>	11	Available Integrations	22
Topic Navigation	12	Help & Support Resources	23
Lesson Navigation	14		

1

### Go Digital

This groundbreaking digital experience provides anytime interactive learning, both online and offline.

2

### Experience Math

Multimedia and interactive content help explain and reinforce complex mathematical concepts.

3

### Work with Ease

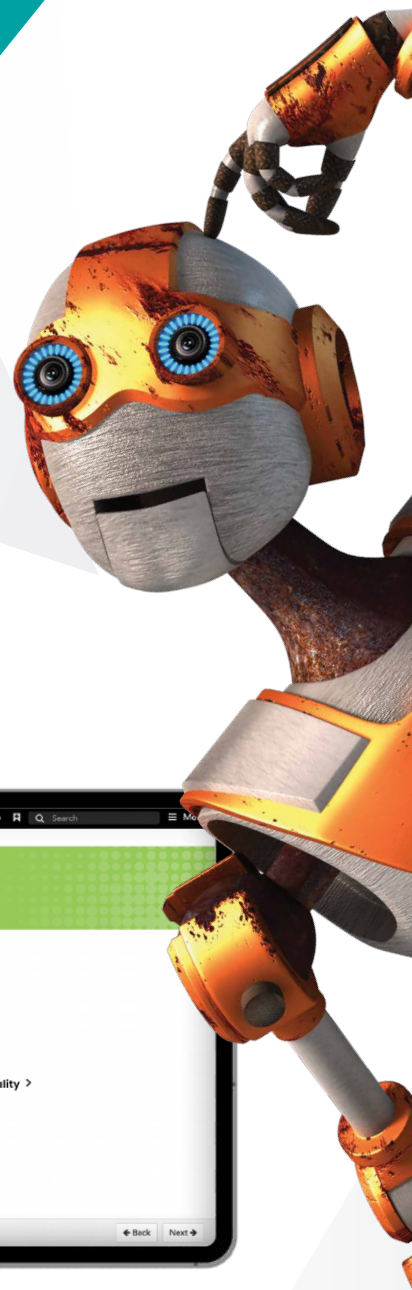
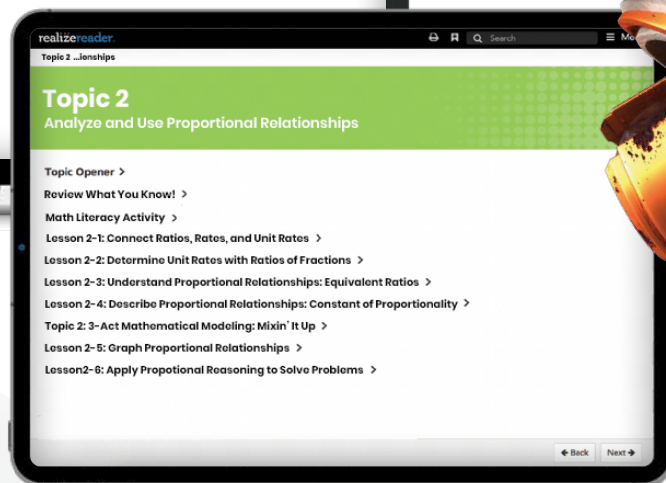
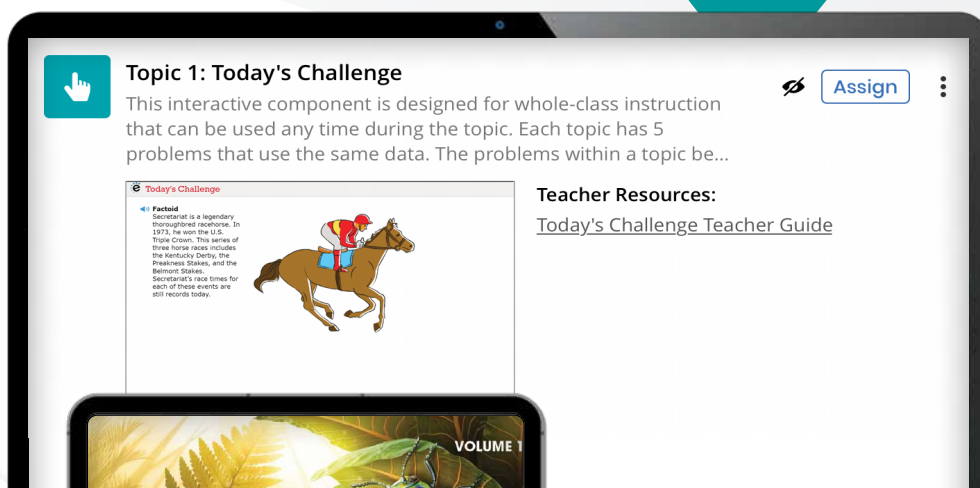
Quickly find and assign standards-based content to individual students, small groups, or the whole class.

4

### Personalize Instruction

Flexible resources help you effectively and efficiently meet the needs of all students.

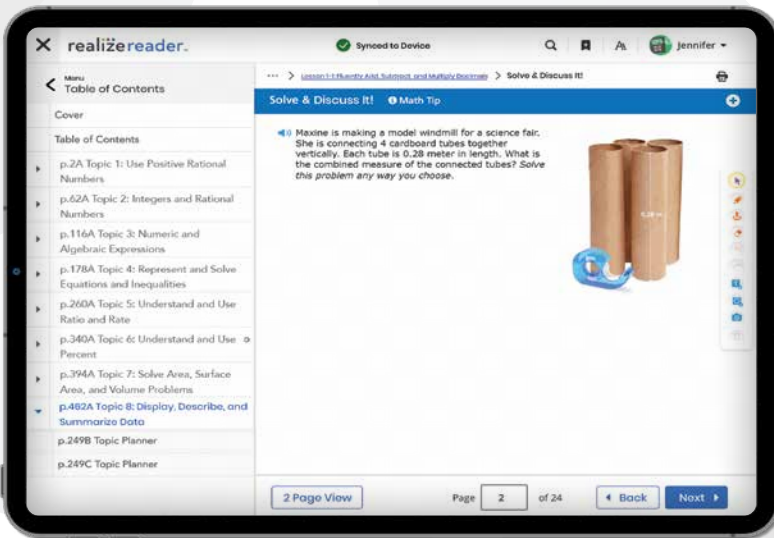
# Kids See the Math. Teachers See Results.





# Engaging & Personalized Learning

*enVision® Mathematics* allows students to easily access lesson content, videos, games, and interactive tools—online or offline.



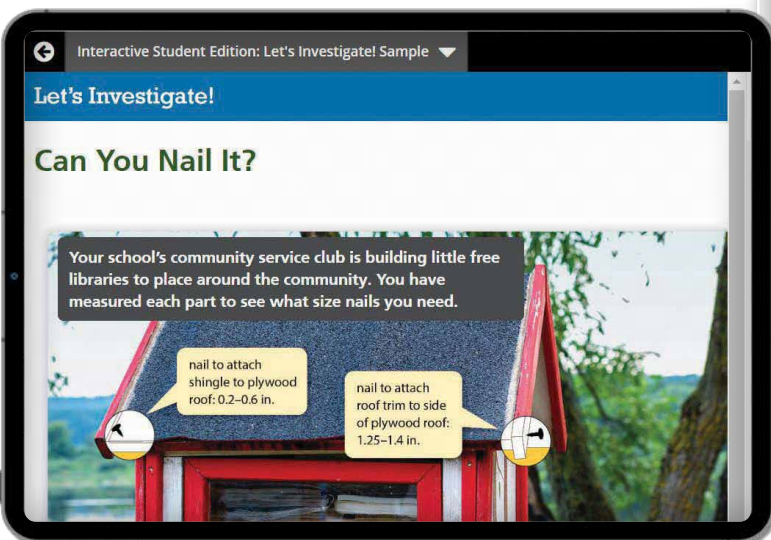
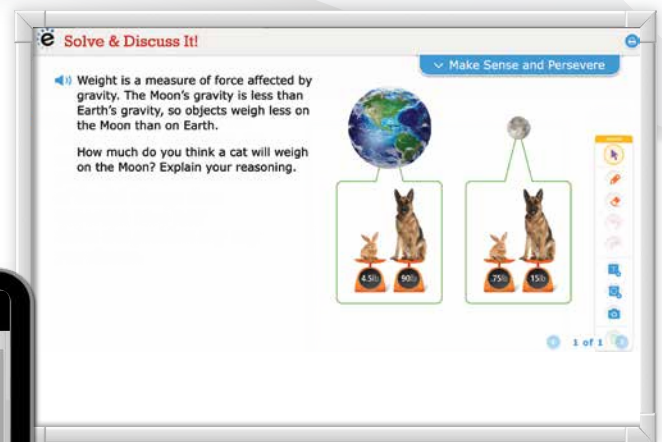
## Interactive Student Edition

- Provides students with both **online and offline** access to program materials.
- Includes **embedded interactive activities**.
- Allows students to **respond** to probing questions throughout the lesson and submit completed assignments to the teacher.
- Available on a wide array of devices.
- Compatible with Google Translate™.

**SAVVAS**  
**realize**™

## Solve & Discuss It!/Explore It!/Explain It! Problem-Based Learning

All lessons at all grade levels begin with the Solve & Discuss It!/Explore It!/Explain It!, problem-based learning activities. An interactive workspace with DrawPad tools engages students in building a solid foundation for conceptual understanding. Available online in Spanish.



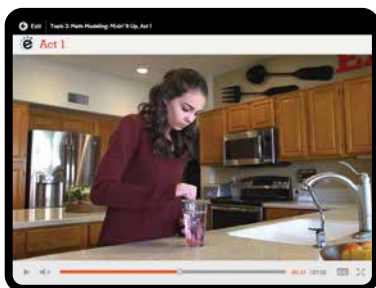
## Let's Investigate!

This digital option within each Topic allows for more time focused on problem-based learning, introducing new concepts, and laying the foundation for upcoming lessons. Available online in Spanish.

## 3-Act Math

These high-interest, low-entry tasks develop students' conceptual understanding, procedural fluency, and adaptive reasoning as they test out different models and conjectures. Videos are available online in Spanish.

### ACT 1: THE HOOK



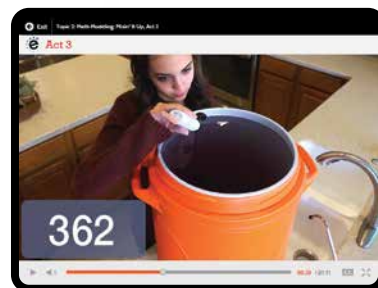
*An engaging video introduces the question and gets students talking.*

### ACT 2: MODEL WITH MATH



*Students determine what resources they need and develop a solution to answer the question.*

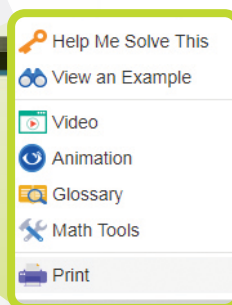
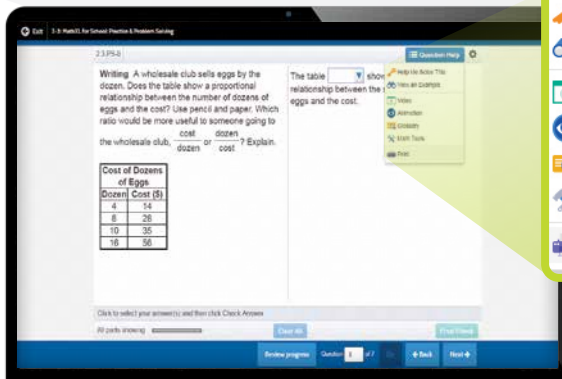
### ACT 3: THE SOLUTION



*The final video reveals a possible answer and students analyze the results.*



Access videos through your mobile device with [BouncePages.SavvasRealize.com](https://BouncePages.SavvasRealize.com).



*MathXL® for School*

## Mathematics Made Accessible

- **Embedded Interactivities Powered by the Desmos™ Calculator** foster conceptual understanding. These highly visual interactivities bring mathematical concepts to life.
- **MathXL® for School** embedded, auto-scored assignments provide instant feedback with learning aids that act as a personal tutor. Available in Spanish.
- **Savvy Adaptive Practice** delivers just-right math content to each student—both practice and instruction—in real time.
- **Visual Learning Animation Plus** videos make math ideas explicit from the Solve & Discuss It!/Explore It!/Explain It! activities.
- **Virtual Nerd®** tutorial videos for every lesson provide students with a step-by-step problem walkthrough.
- **Math Practice Animations** make practice engaging for all students. Available in Spanish.
- **SuccessMaker®** provides Tier 3 digital intervention. Available in 60+ languages!
- **Family Engagement** (available in Spanish) empowers families at home with resources to support their student's learning.



# Manageable & Flexible Teaching

## Easy-to-Implement 3-Step Lesson Design

Classroom tested and teacher approved, lessons support conceptual understanding, procedural fluency, and application.

### STEP 1

Problem-based Learning

### STEP 2

Visual Learning

### STEP 3

Assess & Differentiate

## Teacher Support

**Listen & Look For** professional development videos for highlighted lessons demonstrate expected student outcomes.

**Professional Development Topic Videos** offer quick, focused author perspectives as you start Topic planning.



### Essential Understanding

Fraction addition and subtraction can be thought about as **joining and separating segments on the number line**. They can also be thought about as **counting forward or counting backward** on the number line.

### Savvas Math Screener & Diagnostic Assessments (MSDA)

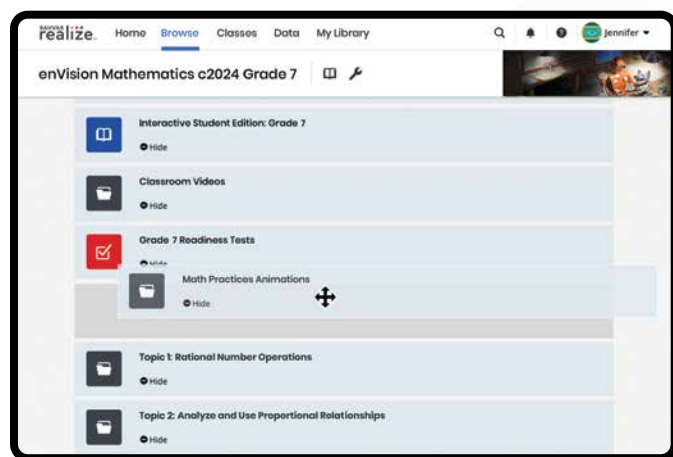
Add the MSDA to your *enVision*® program via the Savvas Realize™ platform and collect actionable data to inform instruction for Grades K-8.



*enVision® Mathematics* makes it easy to customize the curriculum and make data-driven decisions. The Savvas Realize™ learning management system offers flexibility in planning, teaching, and progress monitoring. All materials are at your fingertips on one single platform.

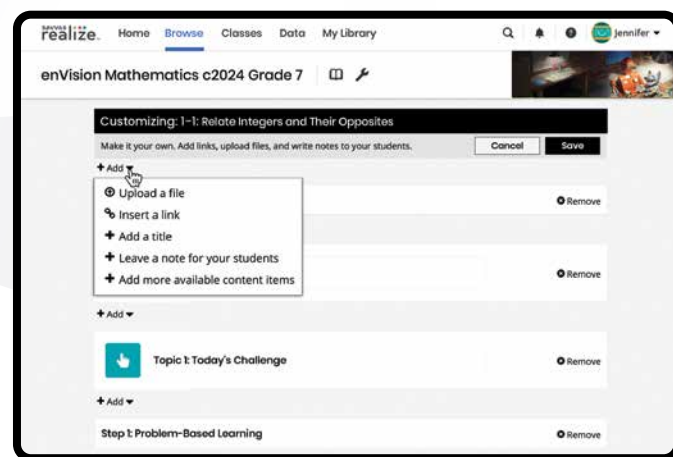
## From Fixed to Flexible

The **Grade-Level Table of Contents** is fully flexible and can be reorganized. Reorder topics and lessons to meet your own district sequence and curriculum guide.



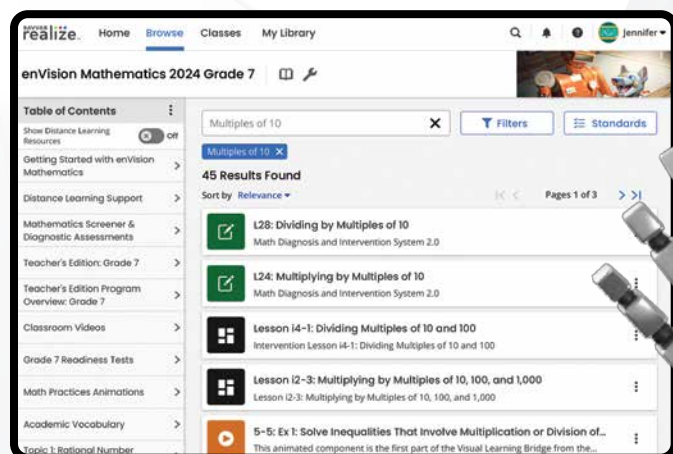
## Upload Your Favorite Content

Add and assign content and links directly to the table of contents. Share Realize content with Google Classroom™.



## Easy to Search and Find

Search by keyword in Realize for additional open resources. Find lessons, videos, activities, and assessments.



LOGGING ON

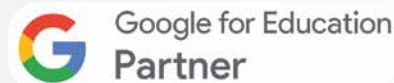
# Try *enVision* online!

## Sign In to **Savvas Realize™**

All English and Spanish assets are provided in one course on **SavvasRealize.com**, so teachers and students do not have to toggle between multiple locations. Directly integrate with Canvas®, Schoology®, or Google Workspace for Education.



Schoology



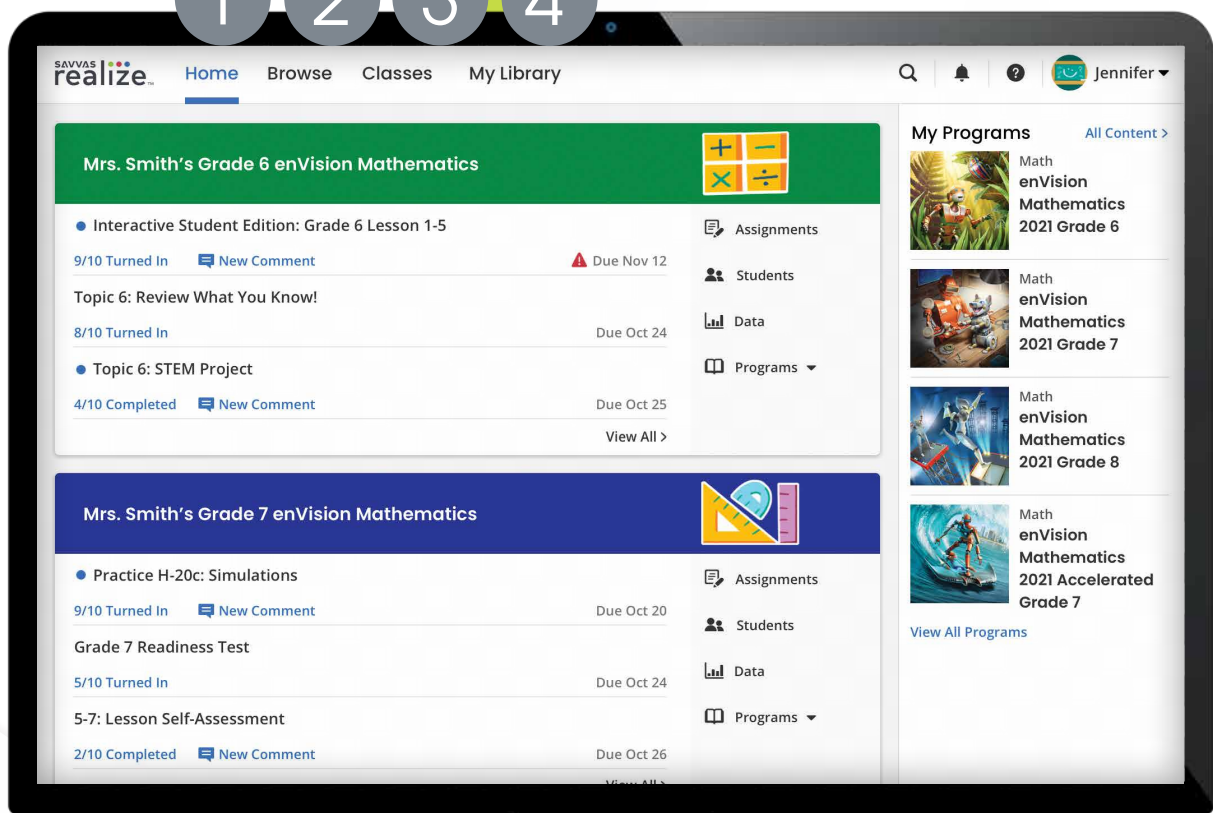
Type  
"SavvasRealize.com"  
in your browser bar.



Select  
**Try a free demo today.**



## LOGGING ON



1

The **Home** view shows all classes and the latest notifications.

2

Select **Browse** to view all *enVision Mathematics* courses.

3

Manage your **Classes**, assignments, and reports at a glance.

4

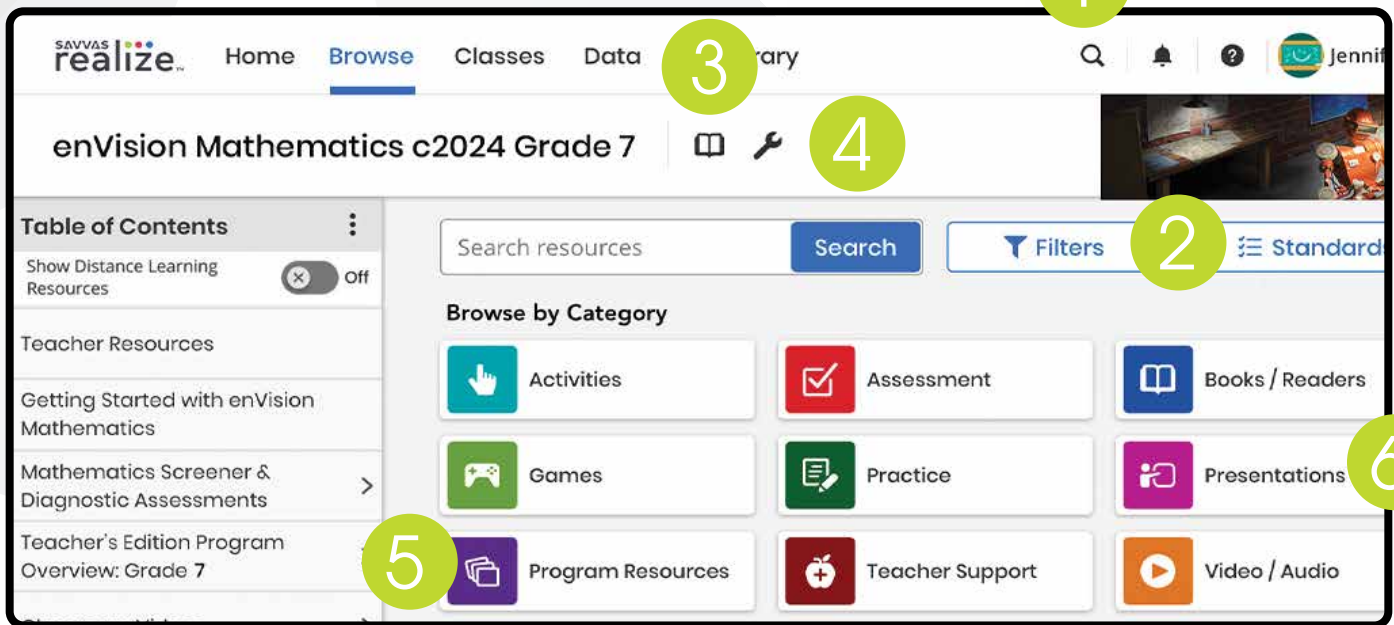
Find your customized content and shared content from administrators in **My Library**.

## TABLE OF CONTENTS

# User-Friendly Navigation

## Review Topic Table of Contents

Explore all program features and resources from the program Table of Contents, including access to student and teacher books, online and offline.



### 1. Search

Keyword Search makes finding additional content easy.

### 2. Sort and Search

Sort and search lessons by standard.

### 3. eTexts

Access your student and teacher eTexts from the links at the top of the page.

### 4. Tools

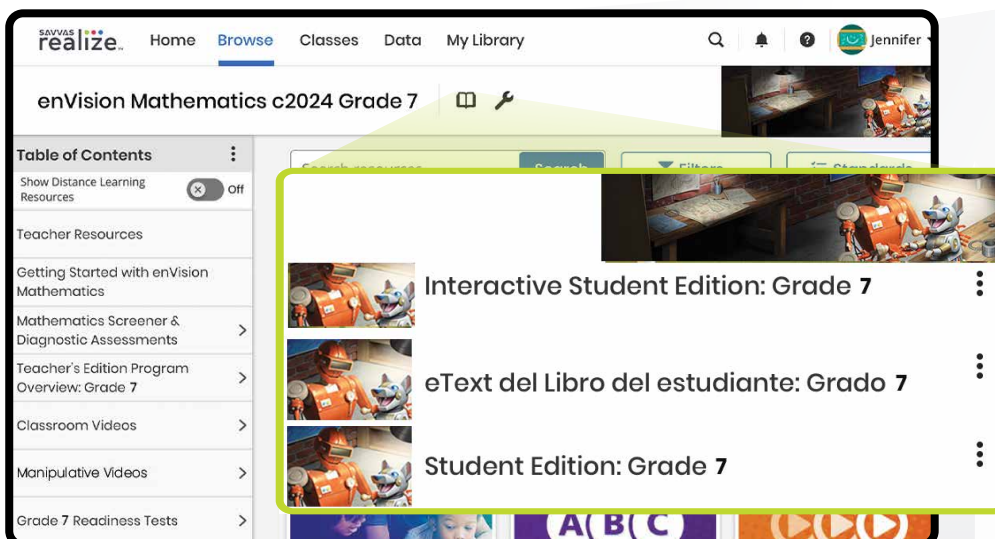
Select Tools to view additional resources including online manipulatives and a Spanish/English glossary.

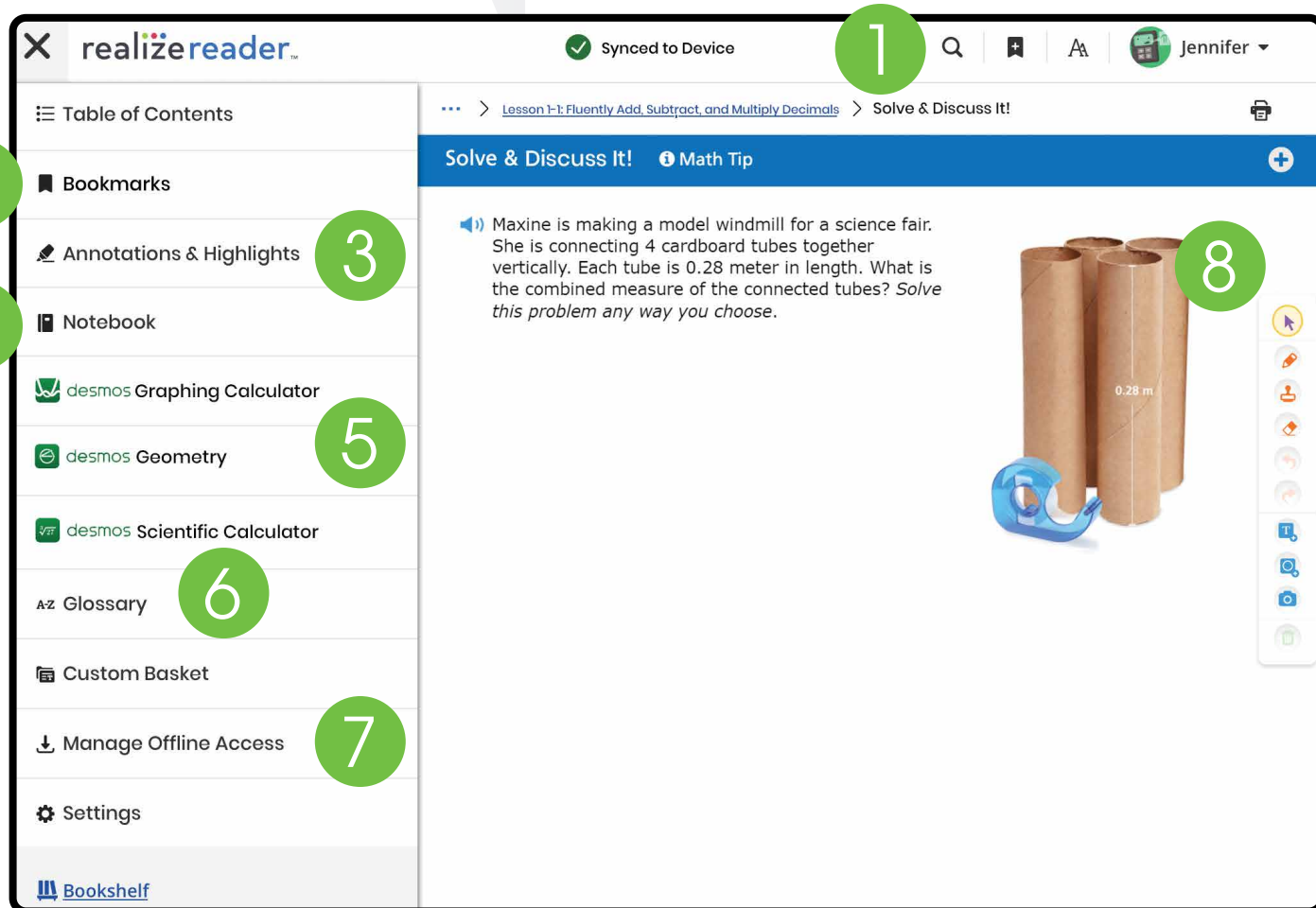
### 5. Answers & Solutions Application

Access the Answers & Solutions Application to present and print answers and solutions for classroom use.

### 6. Lesson Presentation Slides

Editable lesson Presentation Slides provided for every lesson!





Access the Teacher and Student Editions online and offline 24/7.

## 1. Search

Search by Keywords within Realize Reader™.

## 2. Bookmarks

Set Bookmarks to pick up where you left off or recall a certain page.

## 3. Annotations & Highlights

Add Annotations & Highlights directly to the page.

## 4. Notebook

Students can add notes and respond to questions within the integrated notebook.

## 5. Interactives

Interactives powered by Desmos™ Calculator are prebuilt and embedded within the Student Edition.

## 6. Glossary

Access the glossary in both English and Spanish.

## 7. Access

Download the Realize Reader eText to a local device for offline access.

## 8. Tools

DrawPad digital tools are provided on every page for students to show their work and thinking.

## No Internet? No Problem.

With Realize Reader, you and your students can access Savvas eTexts—and take notes, highlight, save bookmarks, and respond to prompts—whether you're online or offline. For offline access, visit **reader.savvasrealize.com** and follow the directions.

## TOPIC NAVIGATION

Find what you need, fast.

The screenshot displays the Savvas Realize platform interface for enVision Mathematics c2024 Grade 7. The interface includes a top navigation bar with links for Home, Browse, Classes, Data, and My Library. A search bar and user profile (Jennifer) are also present. The main content area is divided into a left sidebar (Table of Contents) and a main content area (Browse by Category and Featured Resources). Numbered callouts (1-11) highlight specific features:

- 1: Table of Contents
- 2: Show Distance Learning Resources toggle
- 3: Teacher Resources
- 4: Browse by Category
- 5: Assessment
- 6: Teacher Support
- 7: Featured Resources
- 8: Family Engagement
- 9: 3-Act Math
- 10: Let's Investigate
- 11: Manipulative Videos

The Table of Contents sidebar lists various resources, including Getting Started with enVision Mathematics, Mathematics Screener & Diagnostic Assessments, Teacher's Edition Program Overview: Grade 7, Classroom Videos, Manipulative Videos, Grade 7 Readiness Tests, Math Practices Animations, Academic Vocabulary, and Topic 1: Rational Number Operations. The Browse by Category section includes Activities, Assessment, Books / Readers, Games, Practice, Presentations, Program Resources, and Video / Audio. The Featured Resources section includes Family Engagement, Pick a Project, 3-Act Math, Let's Investigate, Academic Vocabulary, and Math Diagnosis & Intervention. The enVision STEM Project is also featured at the bottom.



### 1. Table of Contents

The Table of Contents aligns directly with the *enVision* textbook. View helpful “Getting Started” documents and videos.

### 2. Flexible Learning

Switch the “Distance Learning Resources” toggle to view resources curated for use in either a full distance or hybrid learning model.

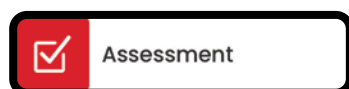
### 3. Math Screener & Diagnostic Assessments

This additional option provides new targeted instructional resources based on actionable data, uncovering strengths and areas for improvement.

### SAVVAS math Screener & Diagnostic Assessments

### 4. Browse by Category

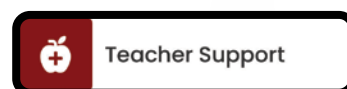
View available resources by content type and choose an instructional category that aligns with the lesson.



### 5. Assessments

Save time with the ready-to-use diagnostic, formative, and summative assessments. Topic, Cumulative/Benchmark, and Progress-Monitoring assessments effectively inform teaching.

Also, build custom assignments or assessments using thousands of items, including next-generation assessment tasks.



### 6. Teacher Support

A collection of teacher resources, like classroom videos, provides helpful perspective on important mathematical concepts and skills in the Topic.

### 7. Featured Resources

Our authors and curriculum experts have selected the most important materials to highlight in Featured Resources. You can find tutorial videos, benchmark assessments, and other foundational materials here.



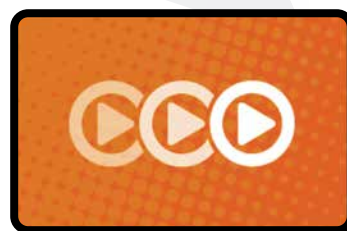
### 8. Family Engagement

Share Topic and lesson-level resources to engage students at home and provide support for parents and caregivers. Available in Spanish.



### 10. Let's Investigate!

Introduce new concepts and lay the foundation for upcoming lessons. Scenarios draw upon students' experiences and cultures by depicting diverse activities and settings.



### 9. 3-Act Math

Make math relevant and help students “think mathematically” with 3-Act tasks. Videos available in Spanish.



### 11. Using Manipulatives Videos

Videos offer teacher tutorials and guidance to engage students in concrete modeling.

# LESSON NAVIGATION

From the Topic Table of Contents, select a lesson.

## Step 1 Problem-Based Learning

1. Each lesson begins with a **Solve & Discuss It!/Explore It!/Explain It!** interactive activity to engage students and build a solid foundation for conceptual understanding.
2. Click on **Visual Learning** from the drop-down menu. Navigate easily within a lesson.

*Solve & Discuss It!/Explore It!/Explain It! Visual Learning Animation, and Convince Me! are also available in Spanish.*

1

**Step 1: Problem-Based Learning**

1-1 Solve & Discuss It!
Math Tip

**1-1 Solve & Discuss It!**


When preparing for a rocket launch, the mission control center uses the phrase "T minus" before liftoff.

...T minus 3, T minus 2, T minus 1, ...

After the rocket has launched, "T plus" is used while the rocket is in flight.

...T plus 1, T plus 2, T plus 3, ...

When does the rocket launch? What could "T" represent?




2

**Step 2: Visual Learning**

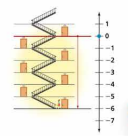
**1-1: Visual Learning**

This is the Visual Learning Bridge from the student edition presented with animations. Some use interactivity to illustrate math ideas. It is designed for whole-class instruction.



Assign

Use integers on a number line to represent the situation. The ground floor is zero and the 6th level down is -6.



3

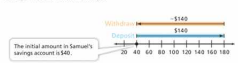
4

**1-1: Additional Example 2 with Try Another One**

This interactive component provides the problem from the student edition in an interactive format. It is designed for whole-class instruction. Max 3 lines then use text-overflow: ellipsi...

**1-1: Additional Example 2 with Try Another One**

Samuel has \$40 in his savings account before he makes a deposit of \$140. After 2 weeks, he withdraws \$140. How did Samuel's savings account balance change?



The initial amount in Samuel's savings account is \$40.

The amounts deposited and withdrawn are opposite quantities and combine to make 0. Samuel's account balance did not change because the amounts deposited and withdrawn combine to make 0.

[Try Another One](#)

Assign

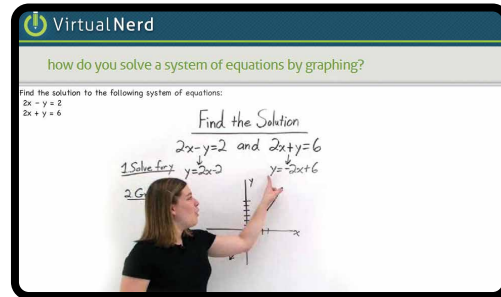
Create and Share Custom Playlists

## Step 2 Visual Learning

3. The **Visual Learning Animation Plus** interactive video makes the mathematics explicit with a step-by-step representation of the lesson concept.
4. Additional examples are included for every lesson. With the **Try Another One** option, example problems can be reset with new numbers again and again.

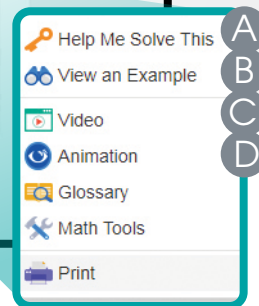
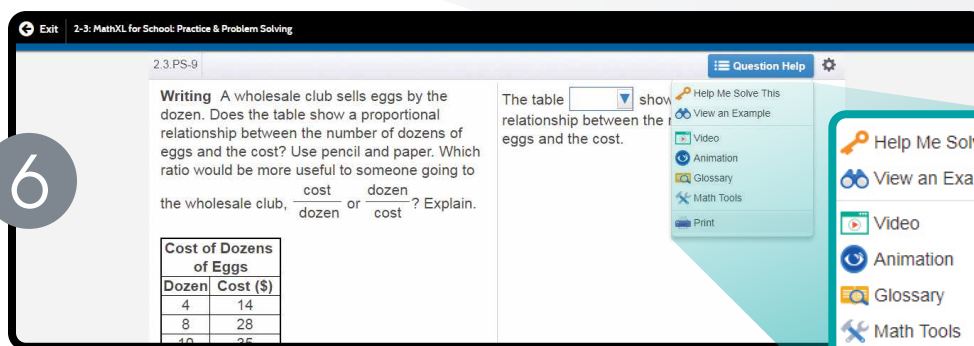
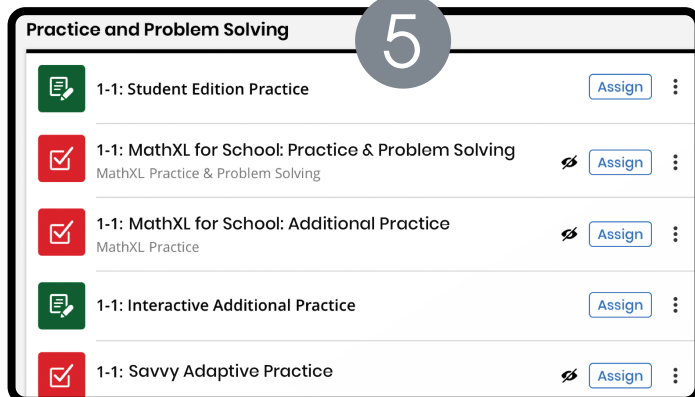
## 5. Practice and Problem Solving

Personalized and adaptive learning encourages students to build mathematical proficiency, promotes higher-order thinking, and helps prepare students for high-stakes assessments.



Easily assign a variety of practice and problem-solving activities in different modalities to personalize learning for each student.

*MathXL for School is also available in Spanish.*



Don't forget the drop-down menu in the upper left for easy navigation.

## 6. MathXL® for School: Practice & Problem Solving; Additional Practice, and Enrichment

supports a growth mindset by empowering students to choose the learning aids they need to work through the problem successfully. Activities are auto-scored.

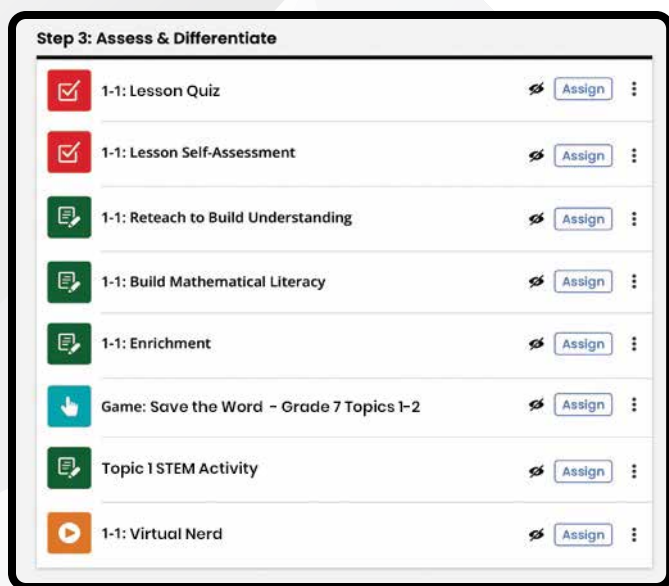
- A **Help Me Solve This** requires student interaction on each step. Once the initial problem is complete, it algorithmically recalculates a new problem.
- B. **View an Example** walks through the steps of a similar problem.
- C. **Virtual Nerd®** tutorial videos for every lesson provide students with a step-by-step problem walkthrough.
- D. Students can view the **Visual Learning Animation Plus** any time during the problem.



## 7. Savvy Adaptive Practice

- Delivers just-right math content to each student as they practice key lesson concepts.
- Students are notified as the assignment adapts based on their proficiency, including prerequisite support and challenges as needed.
- Delivers both instruction and practice automatically in real time.
- No need to go to an outside web site or additional resources.

## LESSON NAVIGATION *CONTINUED*

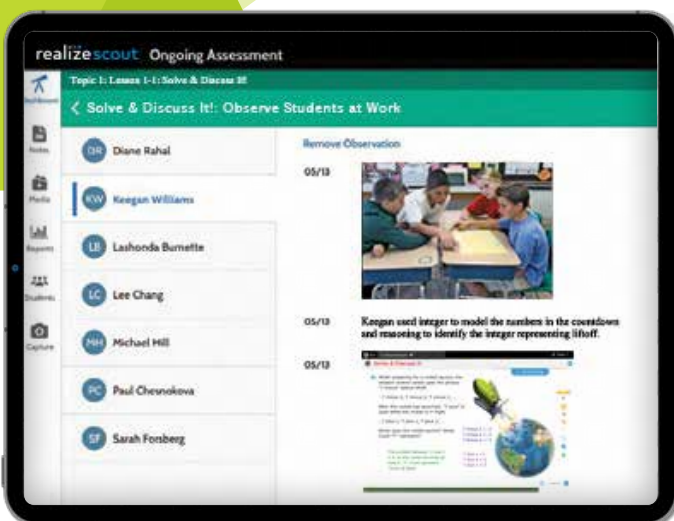


A variety of engaging differentiation options in each lesson encourages and challenges students of all learning levels.

### Step 3 Assess & Differentiate

1. **Lesson Quiz** provides 5 items on the lesson content in a variety of formats, including technology-enhanced items. Auto-scores and auto-prescribes remediation and enrichment. Available in Spanish.
2. Each lesson offers a differentiation library that includes:
  - A. **Pick a Project** At the start of a Topic, students choose a project from among high-interest, multi-part tasks where students apply math concepts. Self-selected learning.
  - B. **enVision® STEM Activity** and accompanying launch videos help students make connections across topics, courses, and content areas, applying math to new, real-world situations.
3. **Math Tools or Math Games (games available in Spanish)** reinforce concepts, critical thinking, and application.
4. **Virtual Nerd®** tutorial videos offer students a problem walkthrough as a lesson refresh.

Additional lesson differentiation resources include: Intervention Activity, Reteach to Build Understanding, Build Math Literacy, and Enrichment.



### Realize Scout Observational Assessment Tool

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



# Managing Classes & Assignments

View class assignments directly from the teacher's dashboard class card, or by selecting from a list of classes under the "Classes" tab.

The screenshot shows the Savvas Realize teacher dashboard. The top navigation bar includes 'Home', 'Browse', 'Classes' (highlighted), and 'My Library'. The user 'Jennifer' is logged in. The main heading is 'Mrs. Smith's Grade 7 enVision Mathematics'. The left sidebar contains links to 'Assignments', 'Data', 'Students & Groups', 'Discuss', 'Settings', and 'Programs'. The main content area shows a list of assignments under the 'Assignments by Class' tab. The assignments listed are: '2-3: Solve & Discuss It!', '2-3: Lesson Quiz', '2-3: Ex 2: Decide Whether Quantities are Proportional & Try It!', '2-3: Understand Proportional Relationships: Equivalent Ratios', and 'Topic 2 STEM Project'. Each assignment card displays the number of items turned in (2/10), a 'New Comment' link, the class average score (67%), and the due date.

## 1. **Classes**

Click Classes to manage options.

## 2. **Assignments**

See assignment progress and average score for each student.

## 3. **Data**

Access detailed data reports for auto-scored assignments.

## 4. **Students & Groups**

Easily manage student accounts, like password changes. Create and manage small groups and assign content easily to them.

## 5. **Discuss**

Create a prompt or manage active discussions to keep your class engaged.

## 6. **Search**

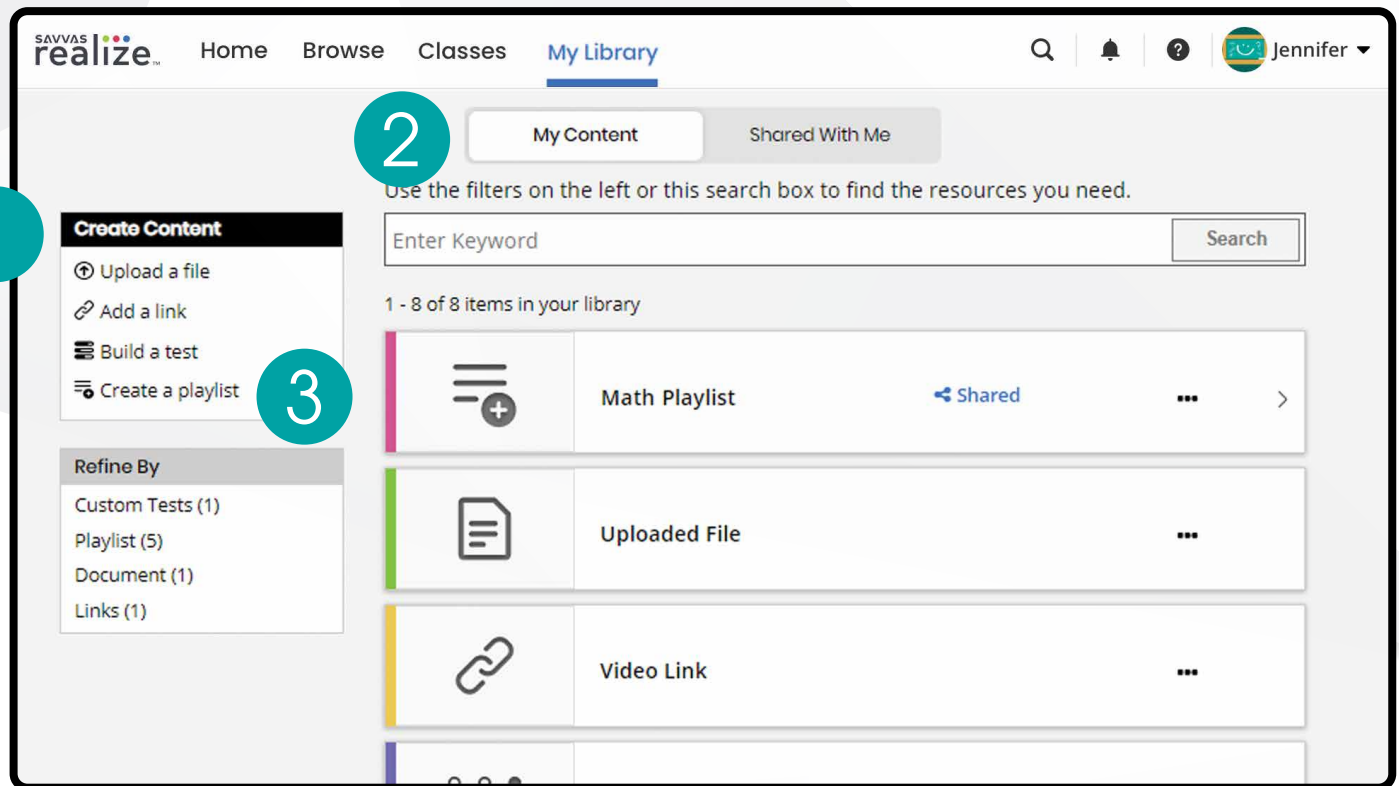
Search for assignments by title keywords for quick access to specific assignments.

## 7. **Dive Deeper**

Click on any title to see assignment details for each student and review completed work.

# Customizing Content Just Got Easier

A variety of tools make customizing lessons and assignments simple and efficient.



## 1. **Customize Your Content**

Upload your own files, add links, and build tests under the Create Content menu.

## 2. **Your Personal Portfolio**

"My Content" contains all of the custom content you create. "Shared With Me" houses playlists shared with you by teachers and assessments shared with you by administrators.

## 3. **Lesson Playlists**

Create lesson playlists with content from across programs and/or your own custom content. Then, share it with teachers in your school or district.

## 4. **Editable Lesson Presentation Slides**

provided for every lesson!

## Interactive PDFs

Realize automatically turns any PDF into an interactive assignment – whether it's a PDF you uploaded or one that is included in your Savvas program. Students can review, mark up, and interact with PDFs, and teachers can provide feedback.

# Scoring

With a dynamic layout, your scoring page optimizes to the task at hand. It expands the information you need and shrinks the stuff you don't.

The screenshot shows the Realize scoring interface. On the left is a 'Teacher's Preview' sidebar (1) listing students by status: 'Turned In (4)' (Linderson, Annabel; Robinson, Sean (2); Ferguson, Elizabeth 60%; Walters, Quinn 84%), 'In Progress (4)' (Anistenopolis-Sampson Victori...; Gardener, Giselle; Martin, Yolanda; Overglade, Edwina), and 'Not Started (2)' (Donatell, Zoltan). The main area shows a '2-3: Lesson Quiz' for 'Math Grade 7 - Period I'. It displays a student's progress (67% Avg Score) and a 'Score Assignment' table (6). The table shows 'Robinson, Sean' with a 'Total 5 Questions' score of '3/5 (60%)'. It lists 'To Score Questions (1)' (Question 5, Manually Scored, 0/1 pt) and 'Scored Questions (4)' (Question 1, Auto Scored, 1/1 pt; Question 2, Auto Scored, 0/1 pt). A 'Comprehension' section is also visible. Numbered callouts indicate: 1. Teacher's Preview sidebar; 2. Teacher Feedback icon; 3. Question selection; 4. Review Auto-Scored Responses; 5. Return Assignments for Redo; 6. Score Assignment table.

## 1. Teacher's Preview

See a full list of students, organized by their progress on the assignment.

## 2. Teacher Feedback

Leave written feedback for a student when needed.

## 3. Manually Score Items

Assign open-response questions or discussion prompts, and manually score items by selecting the item from the list.

## 4. Review Auto-Scored Responses

Realize will automatically score multiple-choice items, but teachers can click on auto-scored items to see the submitted answers.

## 5. Return Assignments for Redo

If a student accidentally submits an assignment early or forgets to submit a completed one, teachers can change status to return the assignment or submit it for the student.

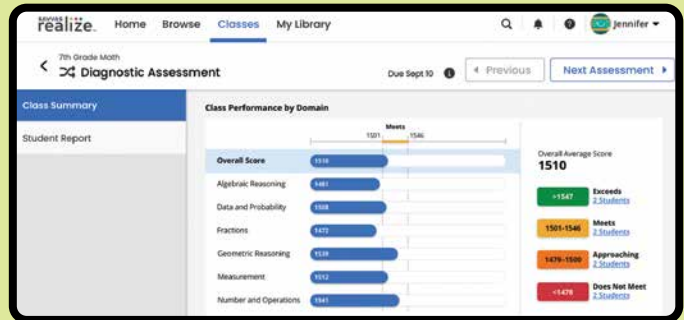
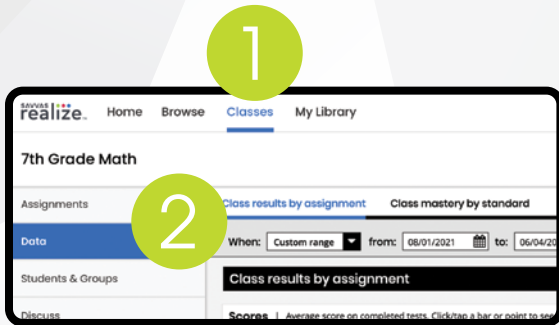
## 6. Provide Feedback

Read and respond to student comments or leave feedback.

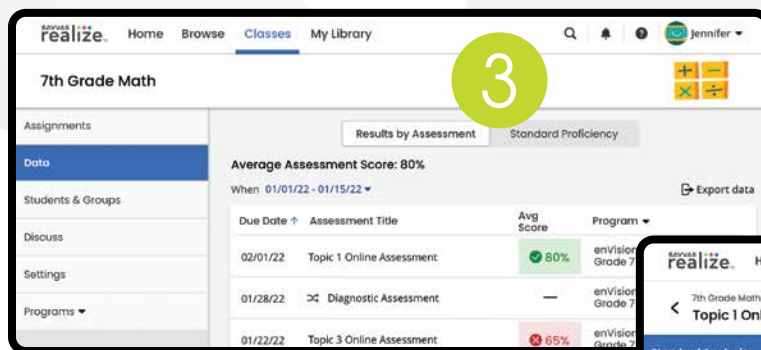
# STUDENT DATA

## Instantly Track, Record, and Analyze Data

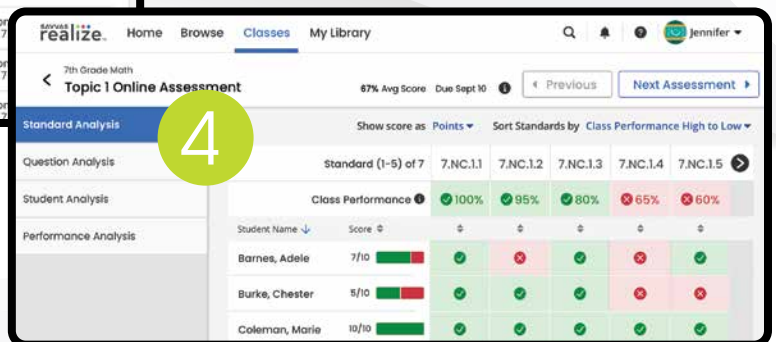
1. Choose a **Class**.
2. Choose **Data**.



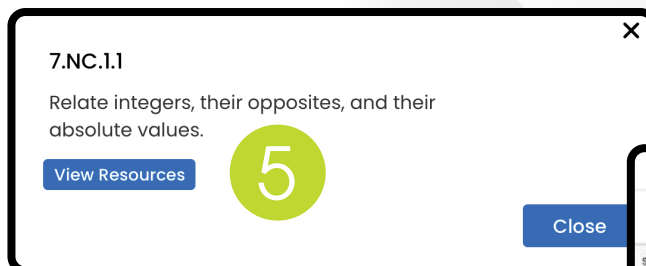
**Savvas Math Screener & Diagnostic Assessment Student Report**—Allows teachers to see a student's Overall Performance measured nationally as well as a student's Performance by Domain indicating strengths and areas for improvement (New additional option).



3. The Data tab shows **Assessment Results** for every assessment taken, and the overall standard proficiency for the whole class.

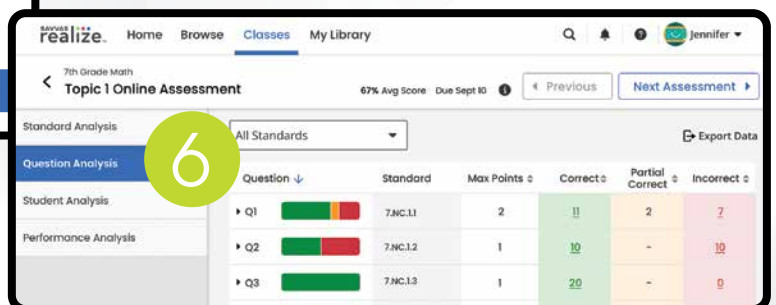


4. After clicking on an assessment, choose the **Standards Analysis** tab to see overall class performance and individual student performance on each standard.



5. Click on a standard and then **View Resources** to see resources available to assign for follow-up.

6. Click on **Question Analysis** to view class overall or individual answer choices and performance.

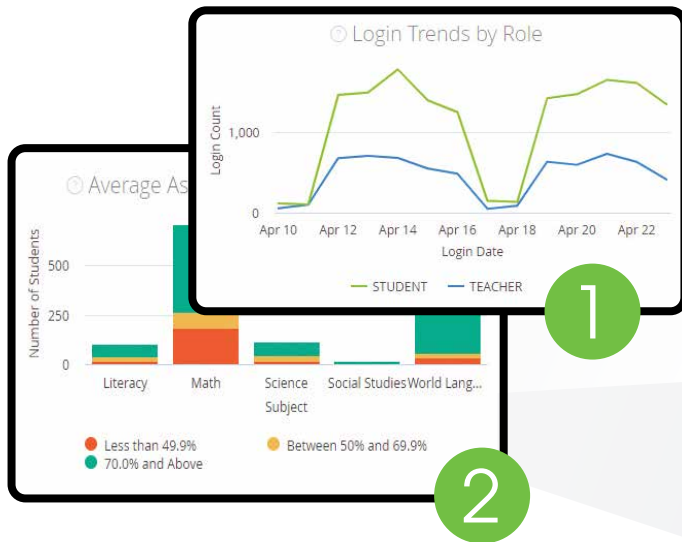




# ADMINISTRATOR TOOLS

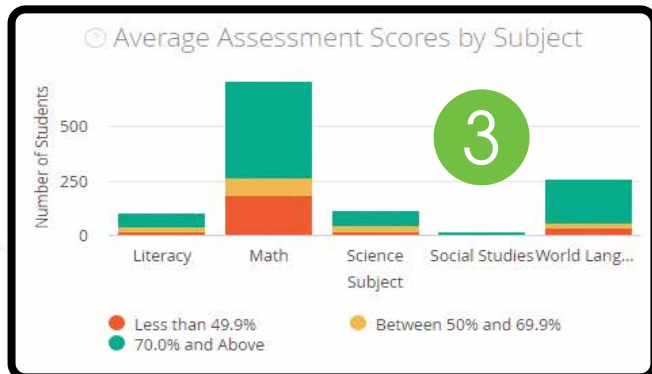
## Implementation

Administrators of any EasyBridge tier can access Savvas Realize™ data by signing in to SavvasEasyBridge.com with a learning platform administrator account. Realize Reports help educators make decisions throughout the year regarding Implementation, Performance, and Progress.



1. Analyze logins to see if the program is being used, how many students are registered, and how they compare.
  - Students
  - Teachers
  - Totals
  - Prior periods
  - Roles
2. Examine program usage against your implementation strategy.
  - Schools
  - Programs
  - Assets opened
3. Review assessment scores by subject to see performance.
  - Score ranges
  - Programs
  - Schools
4. Explore percentage scores to see how classes and students perform on items in a given assessment.
  - Program
  - Assessment
  - Standards

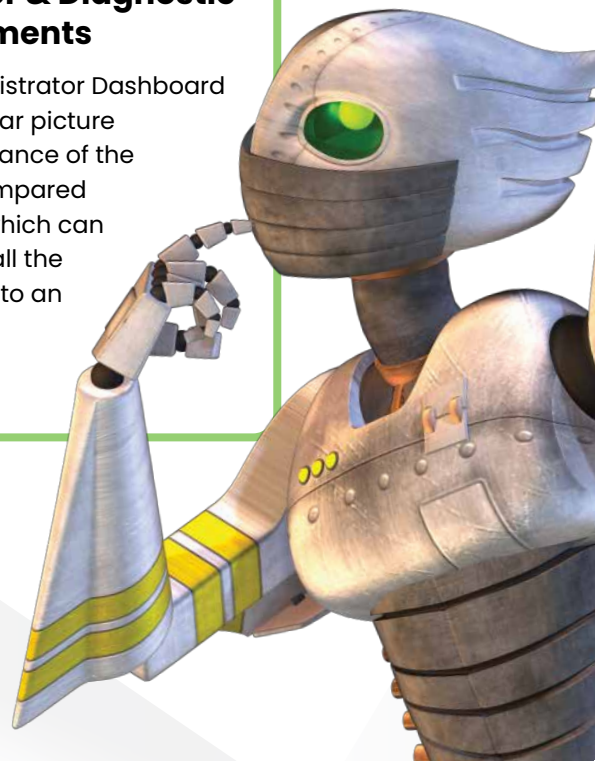
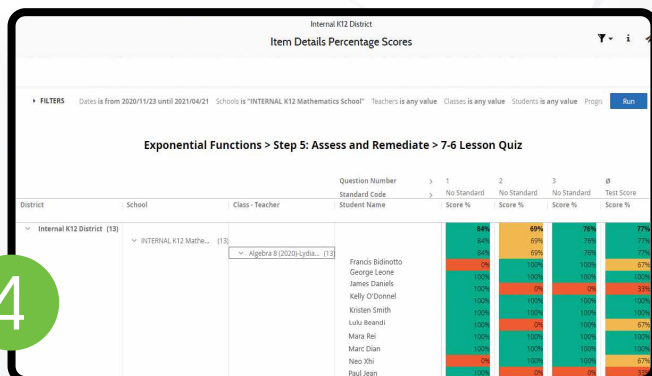
## Performance



## Administrator Reports for the Savvas Math Screener & Diagnostic Assessments

The Administrator Dashboard gives a clear picture of performance of the district compared to peers, which can be drilled all the way down to an individual student.

## Progress



# Connect to What Matters

No matter what technologies you use, we have an integration for you. Savvas Realize™ is designed around how you, the teacher, work and manage class on a daily basis. To support teacher-centered design, Realize integrates with a number of the digital tools you may already use. Because every district has a different policy and process for integrating these tools, check with your school or district IT staff to get a better idea of what is possible and approved for integration.



**Rostering  
Tools**

**Student  
Information  
System**

**Learning  
Management  
System**

**Productivity  
Tools**



PowerSchool



Google Classroom

Schoology



Google Drive



OneDrive



Google for Education  
Partner

**And Many  
More!**

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# Support for Savvas Realize

We are here for you when you need us.



## **Support.Savvas.com**

For helpful troubleshooting tips and to get in touch with support.



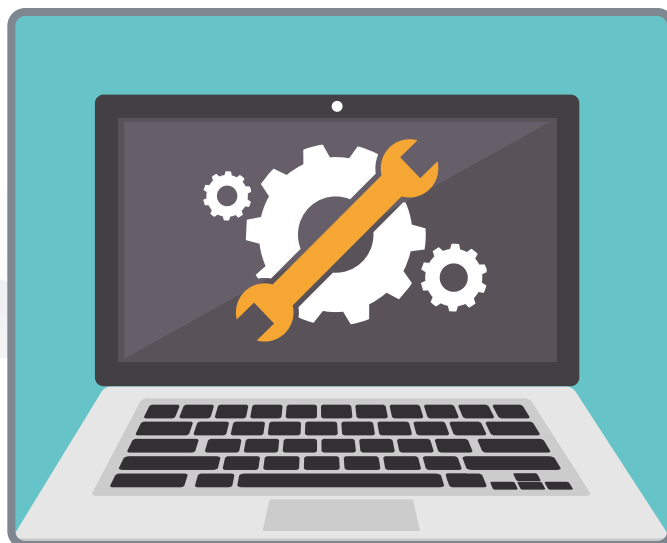
## **mySavvasTraining.com**

For on-demand training, videos, and tutorials for all your favorite programs.



## **Parents.Savvas.com**

Questions at home? Our “Parent’s Corner” gives helpful tips and tricks to support learners and those who support them wherever they are.



## **Status.Savvas.com**

Subscribe to receive updates if Realize has planned or unplanned downtime.



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