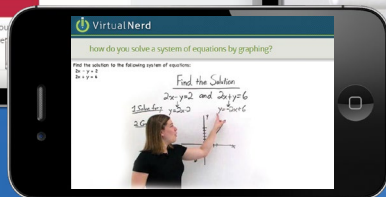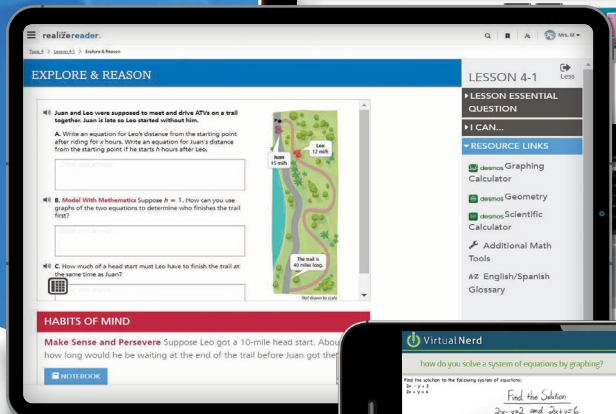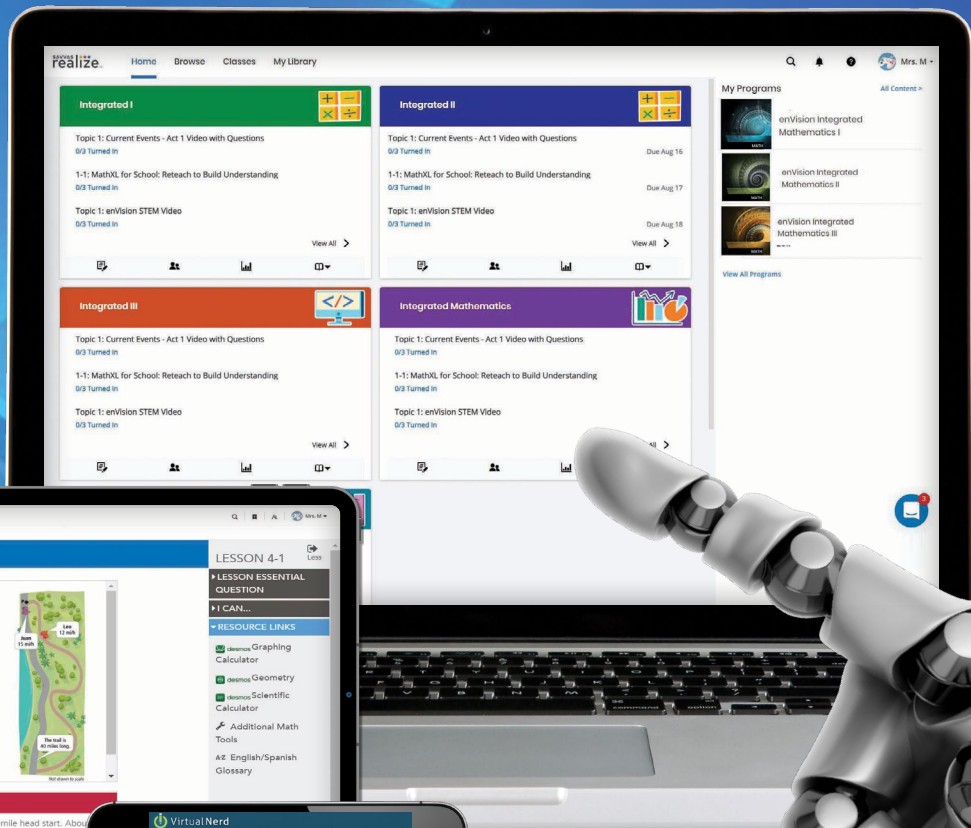# enVision® Integrated
MATHEMATICS

enVision® Integrated
MATHEMATICS

Savvas Realize® is the online learning management system for *enVision® Integrated Mathematics*. This full suite of personalized teaching and learning tools is just a click away.

Guided Tour

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.
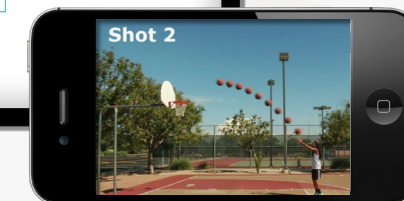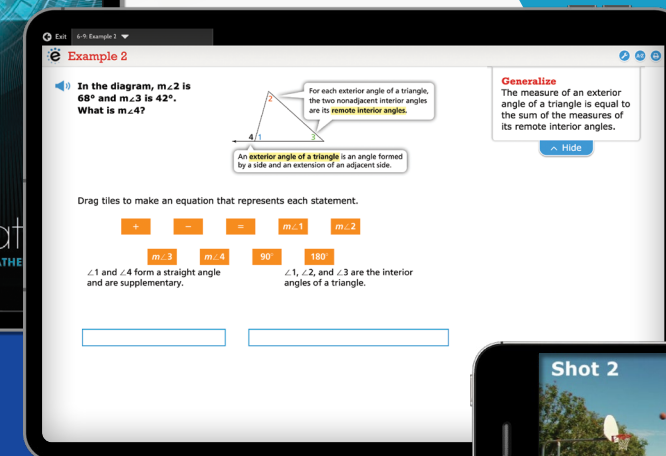
3

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.

EXAMPLE 3 Understand the Graph of $f(x) = a(x - h)^2 + k$

A. What information do the values of h and k provide about the graph of $f(x) = (x - h)^2 + k$?

Move the vertex of the parabola to (1, 2) to see how its position affects the values of h and k in its equation.

$f(x) = (x - 1.72)^2 + -2.33$
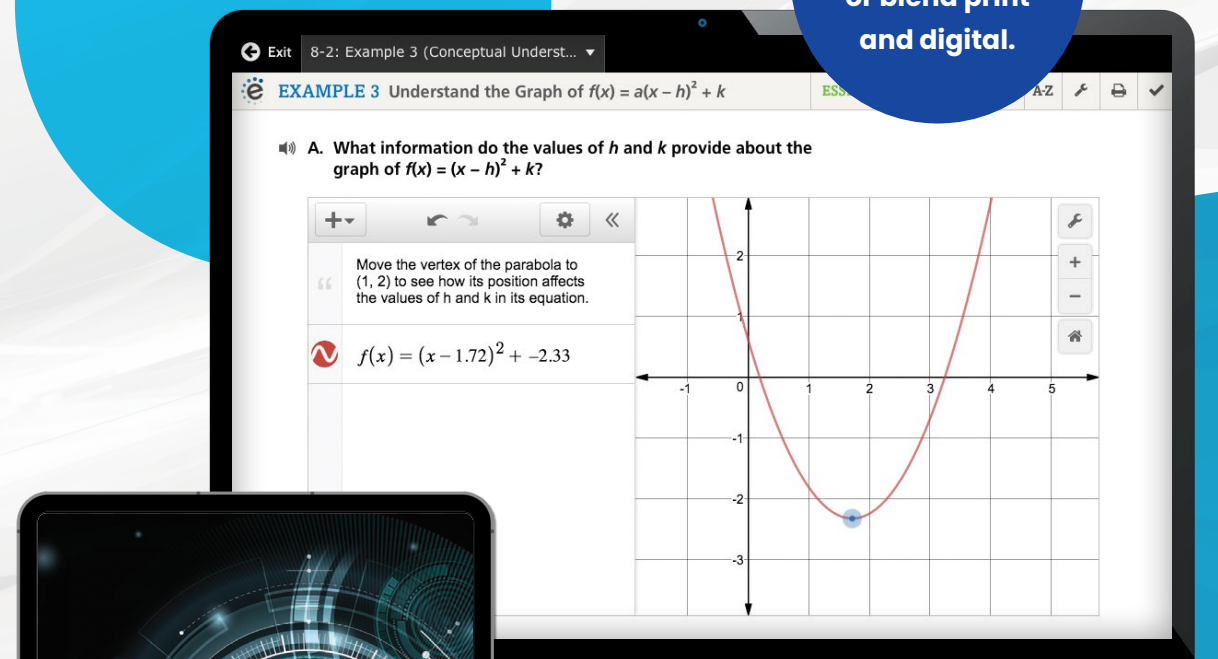
Engaged & Personalized Learning

enVision® Integrated allows students to easily access lesson content and embedded interactives. Students can take notes using the integrated notebook and submit digital assignments and assessments through the system.
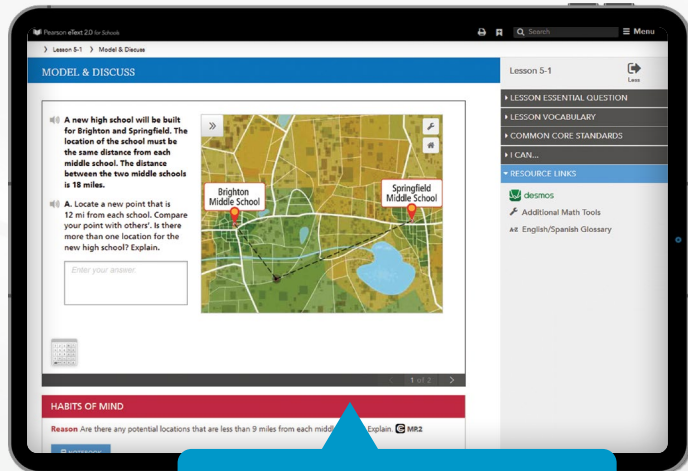
Habits of Mind

Questions help students develop the thought processes and skills used by proficient mathematical thinkers.

desmos

Anytime Interactive Learning

Comprehensive integration of Desmos™ Calculator into Savvas Realize® offers a groundbreaking interactive experience.

- **Develop conceptual understanding** through ready-to-go examples that bring mathematical concepts to life, available online and offline.

- Extend learning with **Anytime Tools powered by Desmos**.

- **Save time** with prebuilt interactives that help students focus on the math, not the tool.

- Exclusive to *enVision*, **switches, sliders, and buttons** enable more focused student exploration.

Mathematical Modeling

Mathematical Modeling in 3 Acts is a collaborative task where students develop a mathematical model to explain a real-world problem. These high-interest, low-entry tasks develop students' conceptual understanding, procedural fluency, and adaptive reasoning as they test out different models and conjectures to answer the question posed.

ACT 1: THE HOOK

An engaging video introduces the question and gets students talking.
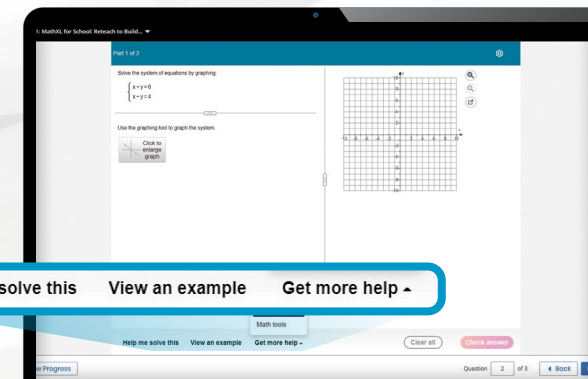
ACT 2: MODEL WITH MATH
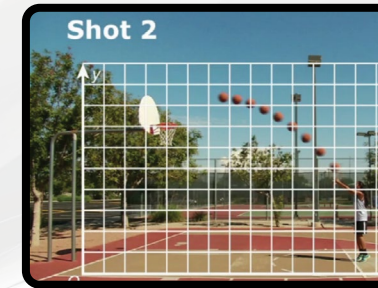
Students determine what resources they need and develop a solution to answer the question.

ACT 3: THE SOLUTION

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

Individualized Learning Pathway

Content and technology come together to create a tailored pathway for each student's unique needs—all available and built within *enVision Integrated*.

- **Individual Study Plans** fill in gaps on prerequisite knowledge and help students focus on specific areas to experience success.

- **MathXL® for School** embedded, auto-graded assignments provide instant feedback with learning aids that act as a student's personal tutor, available 24-7.

- **Virtual Nerd® Tutorial Videos,** available in every lesson, allow students to drill down through videos to review prerequisite content. Available with Spanish closed captioning.
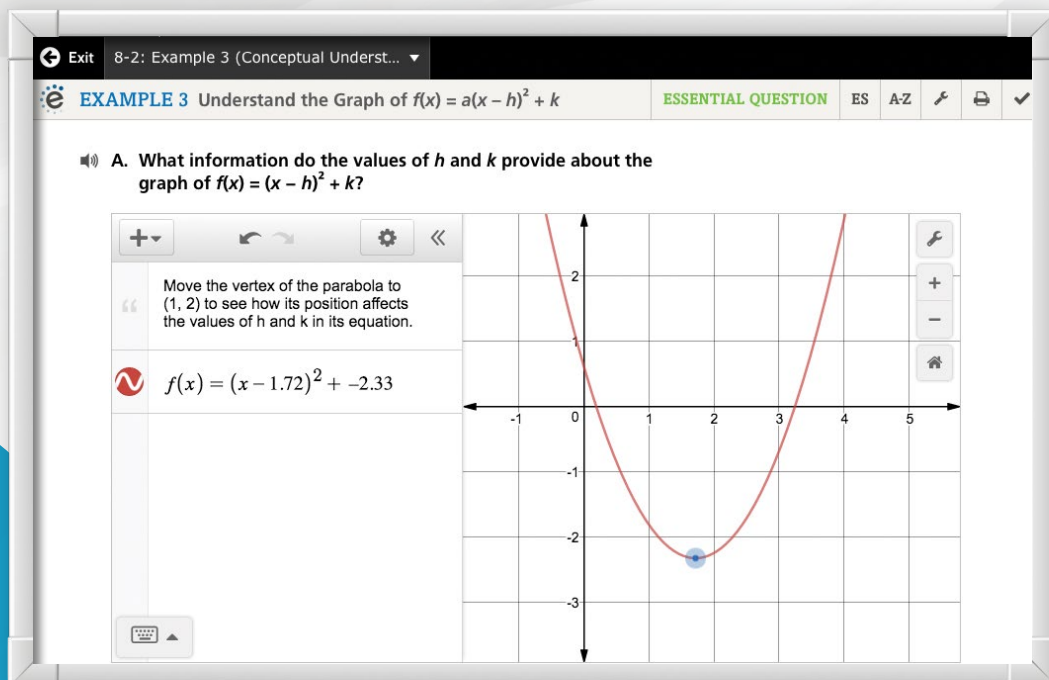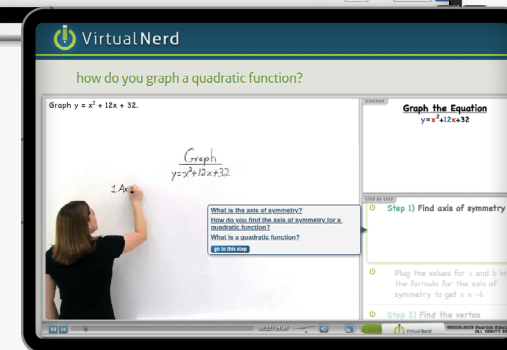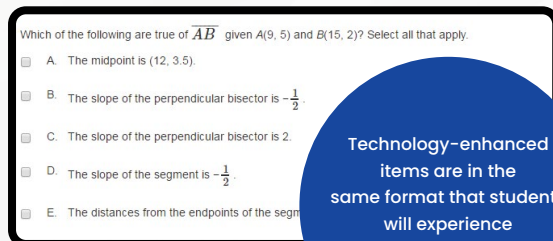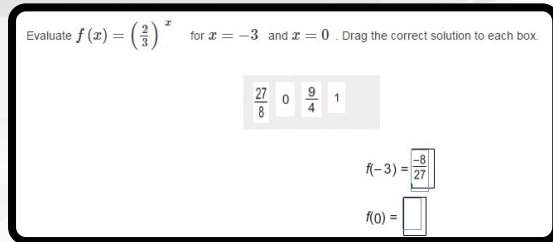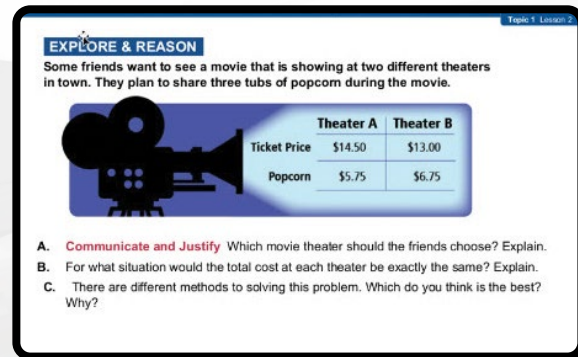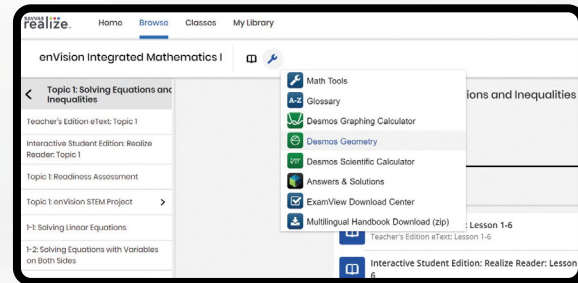

enVision STEM

Science, technology, engineering, and mathematics (STEM) projects promote cross-curricular connections through high-interest, real-world applications.

Manageable & Flexible Teaching

enVision® Integrated makes it easy to customize, leverage technology, and save hours on administrative tasks. Use ready-made assessments, practice, remediation, and reports.

Customize Instruction

- Editable interactives powered by Desmos™ Calculator are pre-built and embedded at point of use. No hassle or prep time required.

- Additional Anytime Tools powered by Desmos allow teachers or students to build their own classroom interactivities.
  - > Graphing calculator
  - > Scientific calculator
  - > Geometry tools

- Customize the Table of Contents through a simple drag-and-drop process.

- Modify a lesson or create a Playlist with easy drop-down menus.

- **Editable lesson presentation slides** for every lesson allow easy customization to create connections for students.

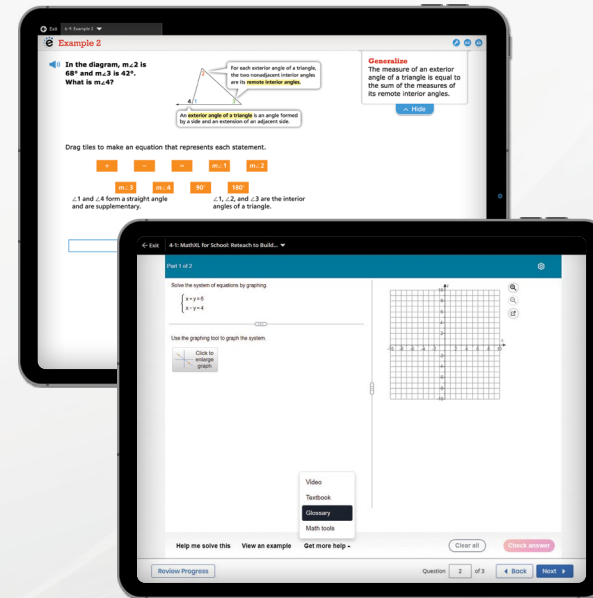- Powerful functionality enables keyword or standard search to easily find content.

Assess and Differentiate

enVision Integrated provides a suite of ready-to-use diagnostic, progress monitoring, formative, and summative assessments that can be administered both in print and digitally:

1. Course- and Topic-Level Diagnostic Assessments
2. Lesson Quizzes
3. Topic Assessments and Performance Tasks
4. Benchmark Assessments
5. Mid-Course Assessment
6. End-of-Course Assessment
7. Progress-Monitoring Assessments, Forms A, B, C
8. Practice Performance Tasks
9. Next Generation Practice Assessments
10. Build Your Own Customized Assessment
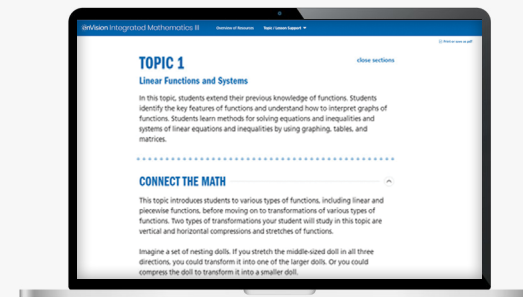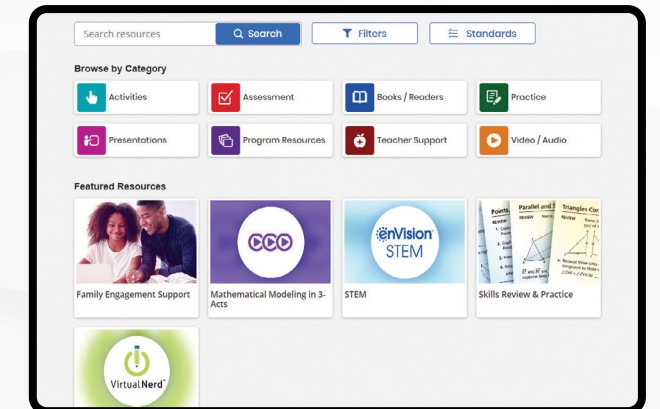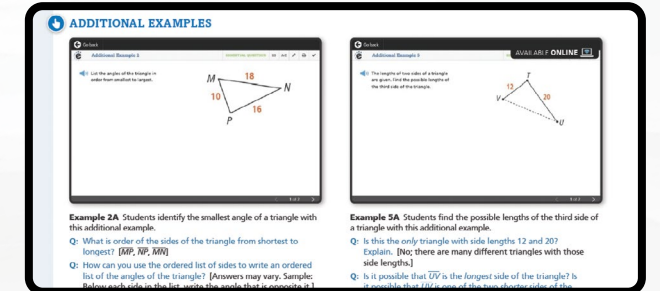11. *ExamView®* software includes thousands of additional items

Technology-enhanced items are in the same format that students will experience on next generation assessments.

Digital Intervention Instruction

Digital Intervention Practice

Automatic RTI

- **Lesson Quizzes** provide a quick way to determine the need for intervention.

- **Auto-assigned Lesson Differentiated Options** include Remediation, Additional Practice, or Enrichment.

- **Individualized Study Plans** provide a personalized learning pathway based on the results of each Topic Readiness Assessment.

Instructional Support

- **Additional Examples** allow for further explicit instruction if needed.

- **Enrichment Examples** extend learning.

- **A complete library of resources** supports planning for Response to Intervention and teaching English Language Learners, including:
  - > Point-of-use differentiation
  - > ELL proficiency levels of support
  - > Spanish closed captioning for Virtual Nerd® video tutorials
  - > Multilingual glossary
  - > English/Spanish visual glossary

- Assignable **Skills Review & Practice** materials cover more than 300 skills across 6 domains.

- **Family Engagement** resources provide topic and lesson support to empower students and their families at home.

Try *enVision* online!

Sign In to **Savvas Realize**®

Directly integrate with Canvas®, Schoology®, or Google for Education™.

1

SAVVAS
LEARNING COMPANY

Username

Password

Sign in

Forgot your username or password?
Assistance with Savvas Sign In

or

For Savvas EasyBridge Plus and Auto users,
search for your school district's sign in options.

Type your district name

Can't find your district?

SAVVAS

schoology®

CANVAS

G Google for Education Partner

EDTECH
BREAKTHROUGH
AWARD
2023

LMS INNOVATION OF THE YEAR

TECH & LEARNING
AWARDS OF EXCELLENCE
WINNER

THE EDTECH AWARDS
COOL TOOL
FINALIST 2023

FINALIST 2023
TOP ED TECH PRODUCTS
DA District Administration
FINALIST 2023

1
Type
"**SavvasRealize.com**"
in your browser bar.

2
Sign in with the username and
password you got from your rep.
(Find your rep at **Savvas.com/contact**.)

2
SAVVAS
LEARNING COMPANY

SOLUTIONS SERVICES RESOURCES CENTER COMPANY CONTACT Login

Request More Information   Fast, Friendly Service

Fast, Friendly Service

Find Your Sales Rep
Your sales representative has expert
knowledge of your Savvas products and
services. Enter your zip code and we will
match you to a Savvas representative. Get
help by phone or email.

What Best Describes your Organization?
○ School, District, Non-Profit, Corrections or Juvenile Organization
○ Home School
○ International
○ DoDEA/DoDDS/DDESS (Dept. of Defense)

Enter Location's Zip Code
Zip Code

Other Ways to Contact Us
Before You Buy
Request More Information

1 **2** **3** **4**

savvas realize   Home Browse Classes My Library

Integrated I
Topic 1: Current Events - Act 1 Video with Questions
0/3 Turned In
1-1: MathXL for School: Reteach to Build Understanding
0/3 Turned In
Topic 1: enVision STEM Video
0/3 Turned In
View All ›

Integrated II
Topic 1: Current Events - Act 1 Video with Questions
0/3 Turned In
1-1: MathXL for School: Reteach to Build Understanding   Due Aug 16
0/3 Turned In
Topic 1: enVision STEM Video   Due Aug 17
0/3 Turned In   Due Aug 18
View All ›

Integrated III
Topic 1: Current Events - Act 1 Video with Questions
0/3 Turned In
1-1: MathXL for School: Reteach to Build Understanding
0/3 Turned In
Topic 1: enVision STEM Video
0/3 Turned In
View All ›

Integrated Mathematics
Topic 1: Current Events - Act 1 Video with Questions
0/3 Turned In
1-1: MathXL for School: Reteach to Build Understanding
0/3 Turned In
Topic 1: enVision STEM Video
0/3 Turned In
View All ›

Integrated Mathematics
Topic 1: Current Events - Act 1 Video with Questions

My Programs   All Com...

enVision Integrated
Mathematics I

enVision Integrated
Mathematics II

enVision Integrated
Mathematics III

View All Programs

1
The **Home** view
shows all classes and
the latest notifications.

2
Select **Browse** to view
all *enVision Integrated
Mathematics* courses.

3
Manage your **Classes**,
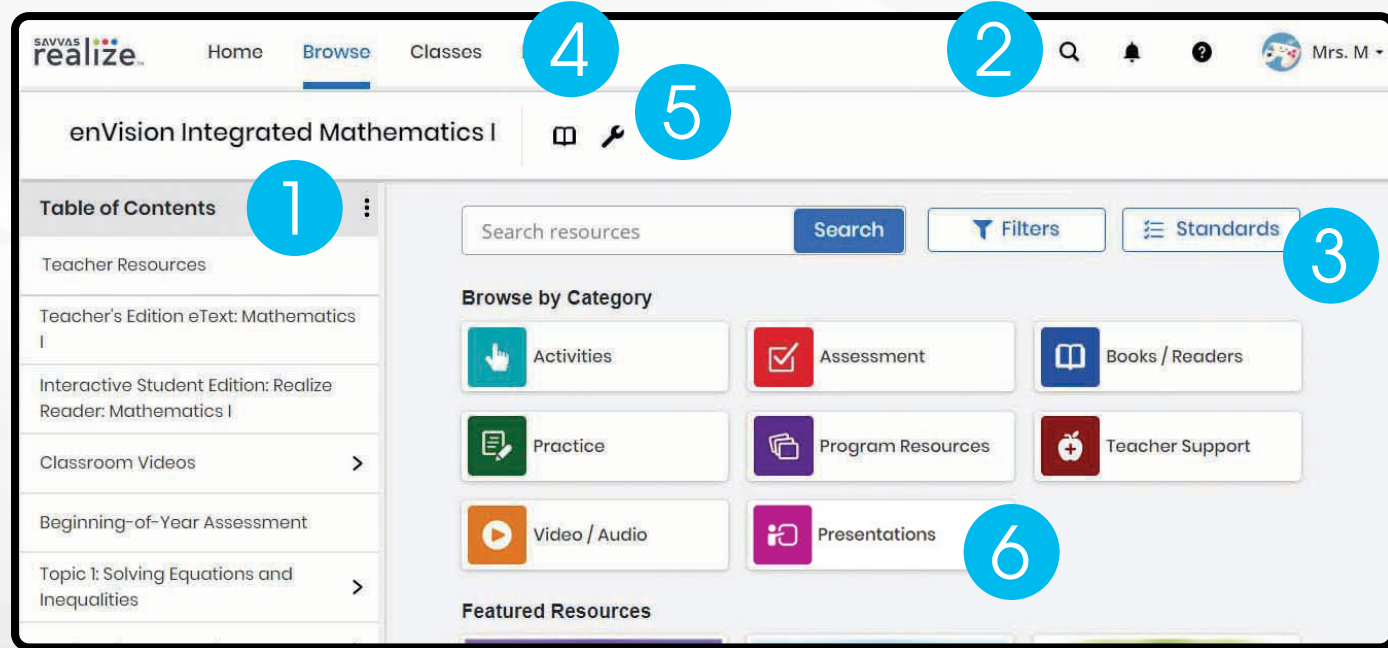assignments, and
reports at a glance.

4
Find your customized
content and shared content
from administrators and
colleagues in **My Library.**

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. **Table of Contents**
   The Table of Contents aligns directly with the *enVision* textbook.

2. **Search**
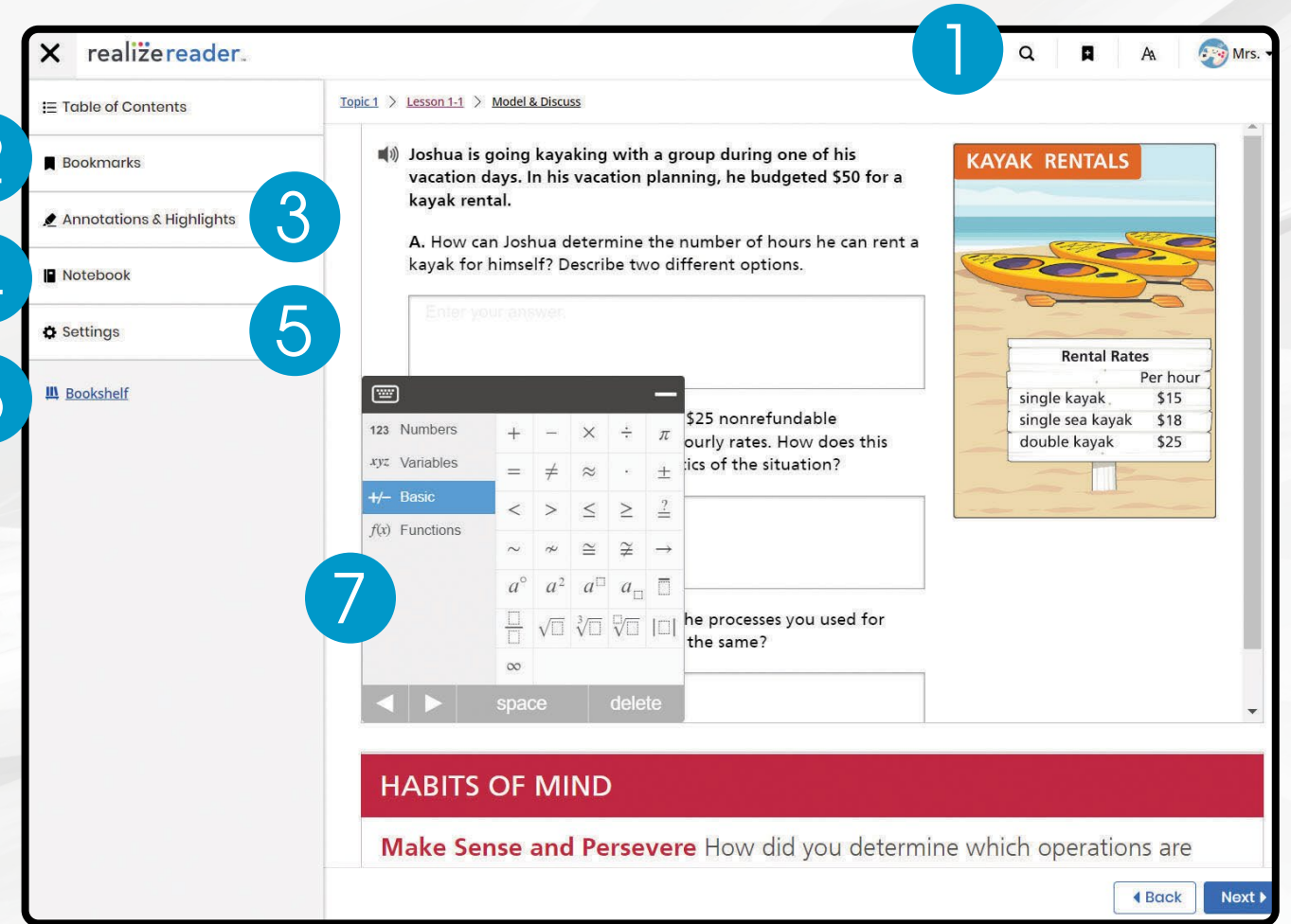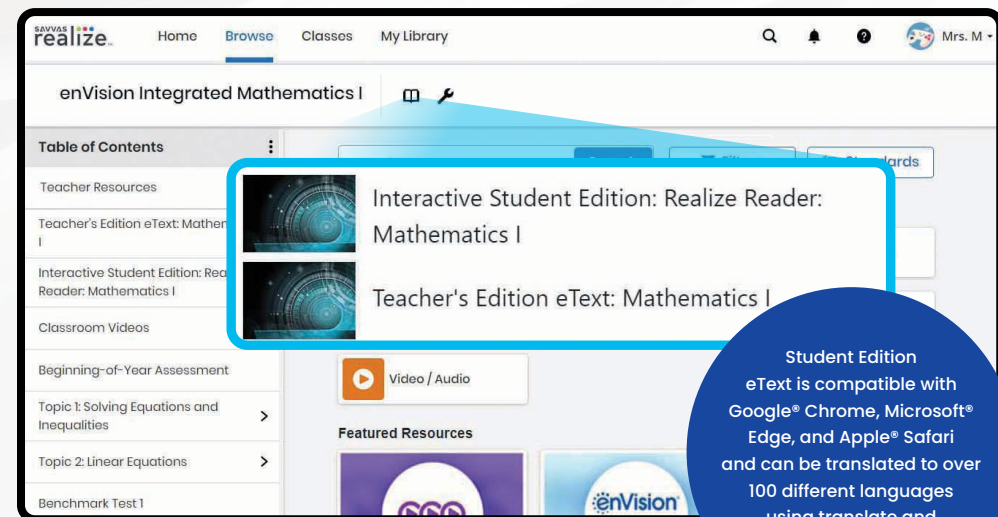   Keyword Search makes finding additional content easy.

3. **Standards**
   Sort and search content by standard or keyword.

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

5. **Tools**
   a. Additional resources including online manipulatives and a Spanish/English glossary.

   b. **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!

Student Edition eText is compatible with Google® Chrome, Microsoft® Edge, and Apple® Safari and can be translated to over 100 different languages using translate and read aloud extensions.

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. **Settings**
   Easily change your viewing settings to increase accessibility.

6. **Bookshelf**
   Easy access to other course Realize Readers in your account.

7. **Tools**
   Digital tools let students 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.
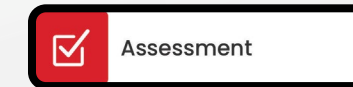
Find what you need, fast.

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

2. **Math XL® for School**
   Topic Review supports students with learning aids they need to work through problems successfully at the end of each Topic.
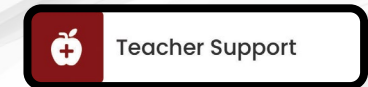
3. **Assessments**
   Save time with the ready-to-use diagnostic, formative, and summative assessments. Topic, Cumulative/Benchmark, and Progress-Monitoring assessments effectively inform teaching.

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

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

5. **Featured Resources**
   Our authors and curriculum experts have selected some popular materials to highlight in Featured Resources. You can find tutorial videos, Family Engagement resources, and other foundational materials here.
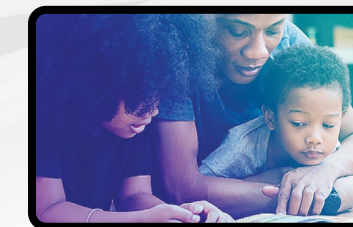
6. **Family Engagement**
   Share Topic and lesson-level resources to engage students at home and provide support for parents and caregivers. Compatible with Google Translate™.

7. **Mathematical Modeling in 3 Acts**
   Make math relevant and help students "think mathematically" with 3-Act tasks.
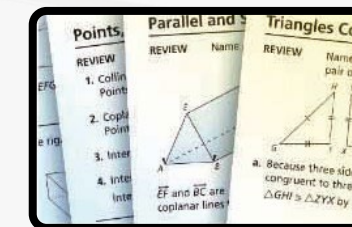
8. **enVision® STEM Activities**
   and accompanying launch videos help students make connections across topics, courses, and content areas, applying math to new, real-world situations.

9. **Skills Review & Practice**
   Assign to students with the click of a button to build student understanding of over 300 skills.

10. **Virtual Nerd®**
    Tutorial videos for every lesson provide students with a step-by-step problem walkthrough.
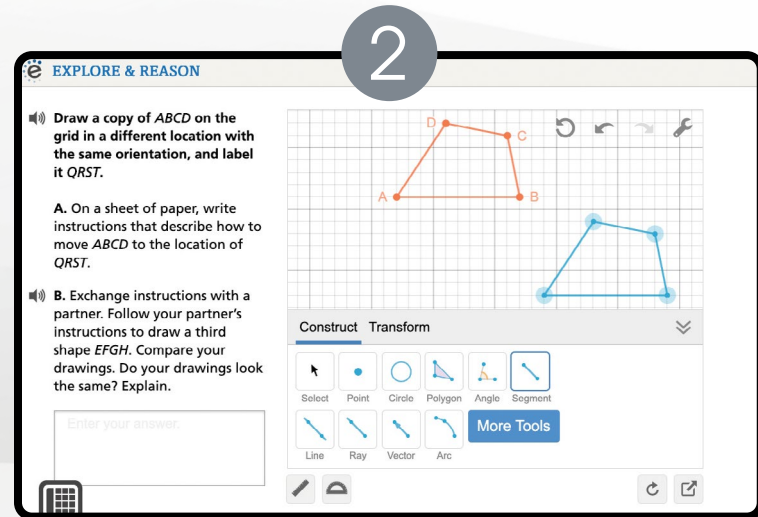
From the Topic Table of Contents, select a lesson.

Step 1
Explore

1. Digital lessons include quick links to the Student and Teacher texts, while Teacher Resources provide an editable **Lesson Plan, Lesson Presentation Slides, and Family Engagement resources** to support the lesson.

2. Each lesson begins with an **Explore & Reason/Model & Discuss/Critique & Explain** interactive activity to engage students and build a solid foundation for conceptual understanding.

Step 2
Understand & Apply

3. Navigate easily within a lesson to a variety of lesson examples.

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.

Create and Share Custom Playlists

5. Embedded digital interactives powered by the Desmos™ Calculator help students make graphical, numerical, and algebraic connections.

desmos

Step 3
Practice & Problem-Solving

6. **MathXL® for School: Practice & Problem Solving** 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. **Get More Help** Access the textbook, digital math tools, glossary, or Virtual Nerd® tutorial videos.

SAVVY
ADAPTIVE PRACTICE™

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.

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

Step 4
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.

2. **MathXL® for School: Additional Practice, Enrichment, and Reteach to Build Understanding** offers students practice and challenge opportunities with learning aids to work through the problem successfully. Activities are auto-scored.

3. **Virtual Nerd®** tutorial videos offer students a problem walkthrough as a lesson refresh.
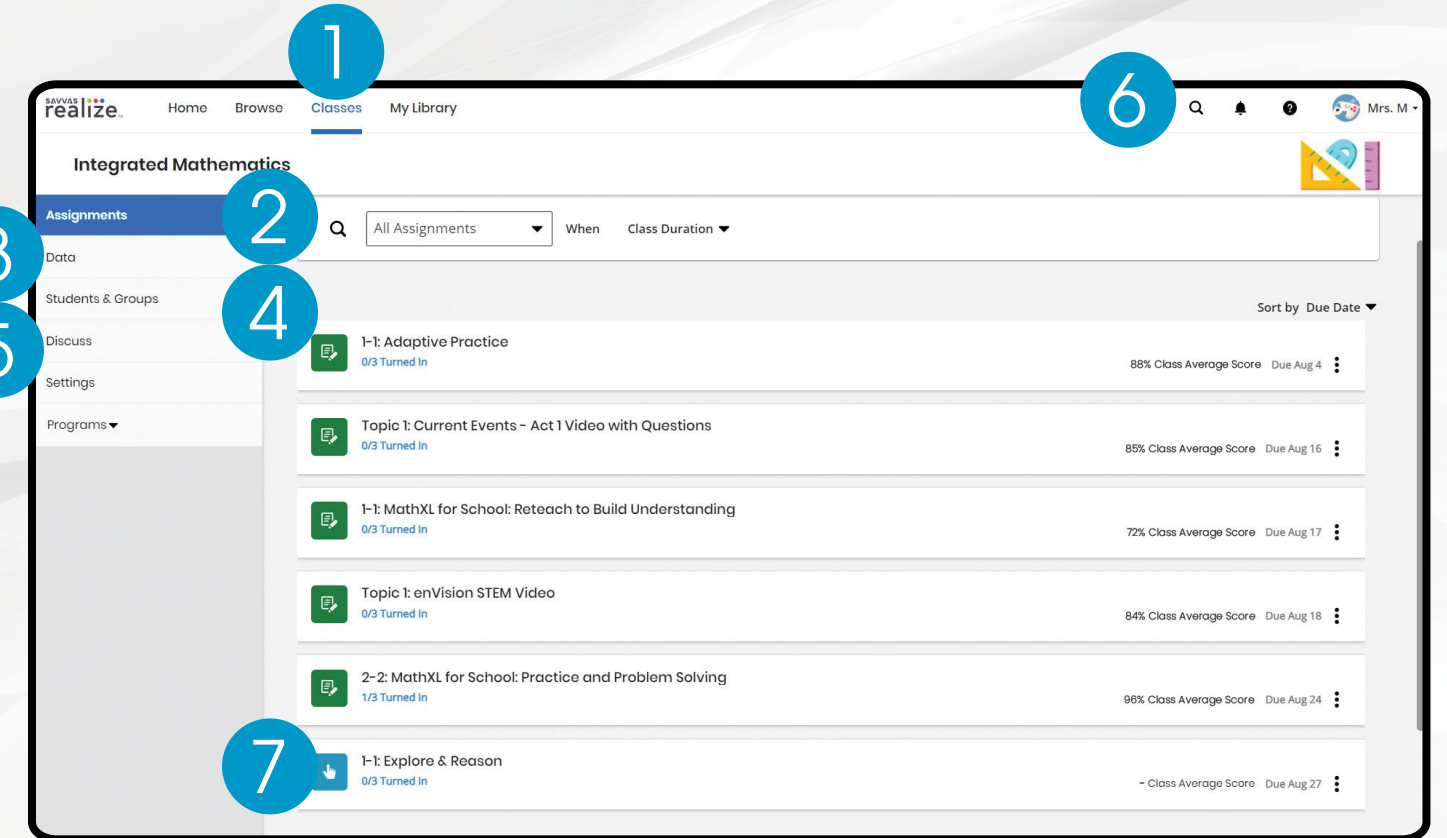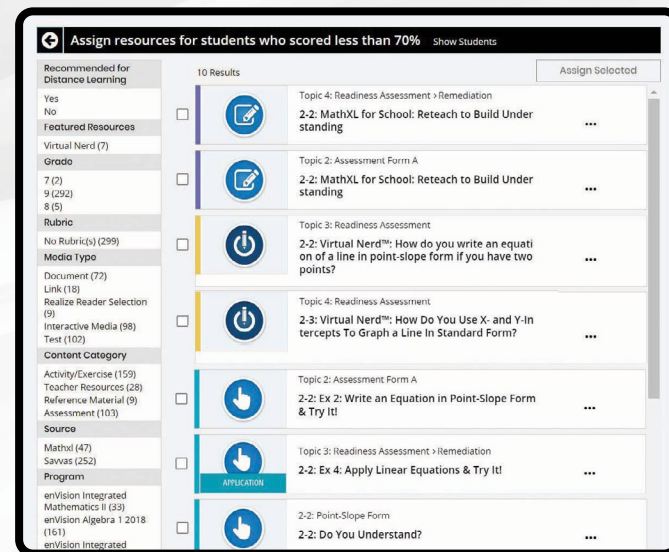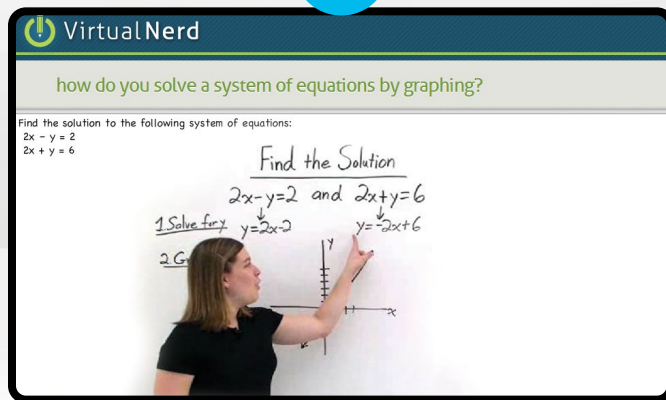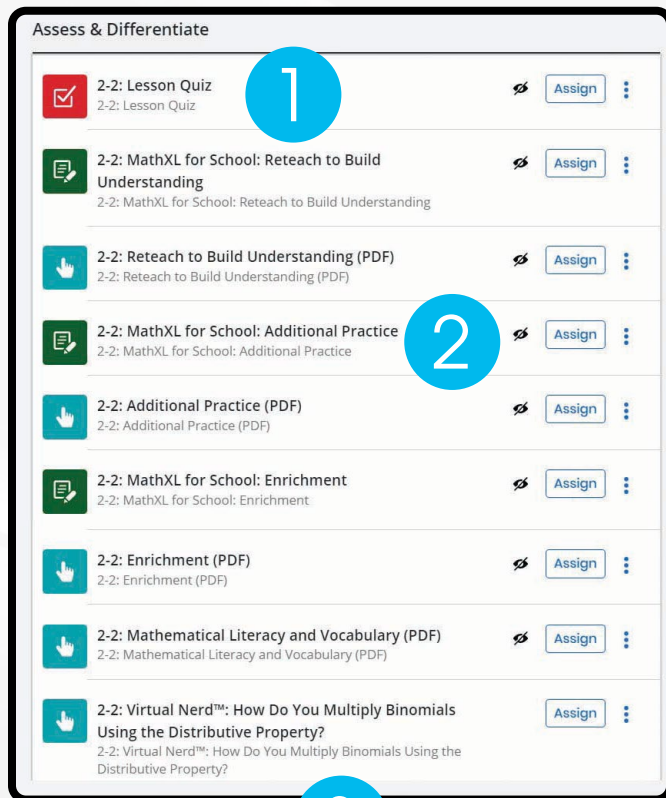
Easily assign a variety of practice and problem-solving activities in different modalities to personalize learning for each student.

Auto-Assign Differentiation

Differentiation is based on results of the online Lesson Quiz, Topic Readiness Assessment, Topic Assessment, and Cumulative/Benchmark 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.

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.

Scoring Made Simple

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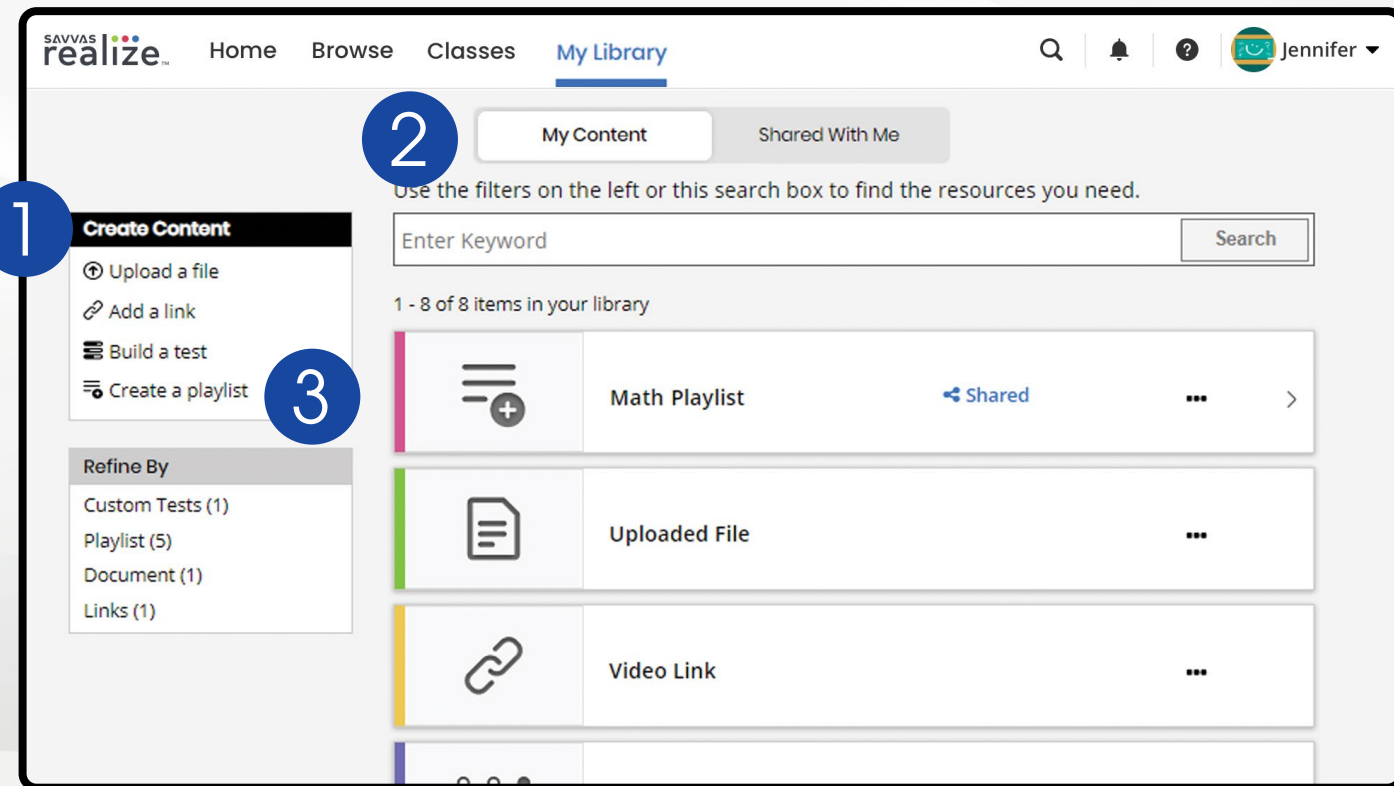
1. **Customize Your Content**
   Upload your own files, add links, and build tests under the Create Content menu.

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.

Interactive PDFs

Savvas 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.

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 most items, and 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.

Instantly Track, Record, and Analyze Data

1. Choose a **Class**.
2. Choose **Data**.
3. The Data tab shows **Assessment Results** for every assessment taken, and the overall standard proficiency for the whole class.
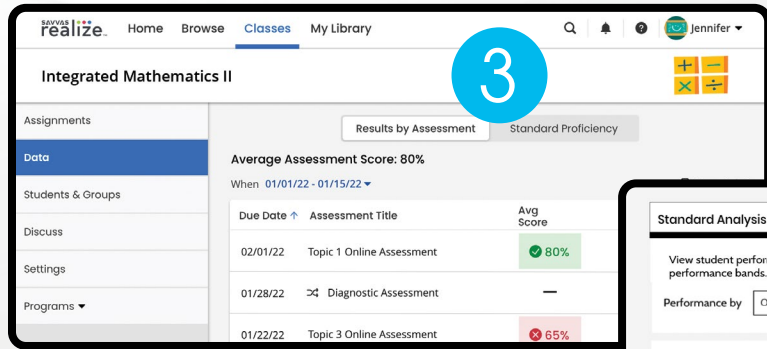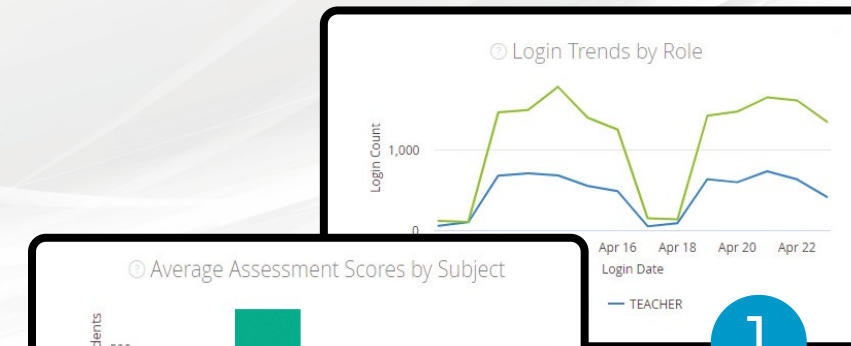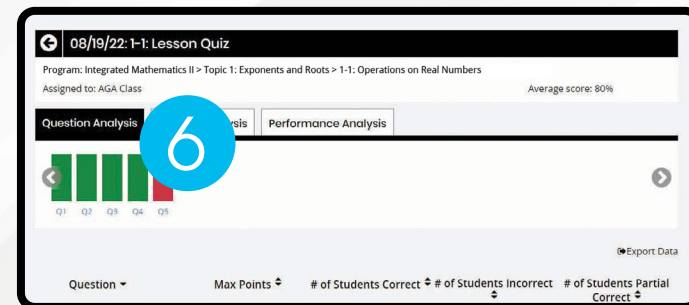
4. After clicking on an assessment, choose the **Performance Analysis** tab to show performance, see overall class performance and individual student performance and assign resources for remediation or enrichment. You can drag and drop students between the performance bands.
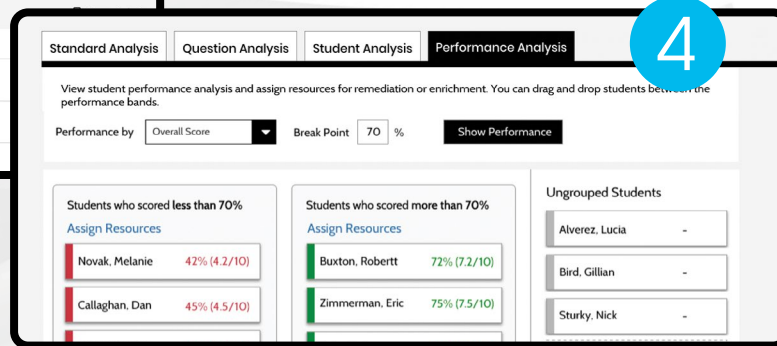
5. Click **Assign Resources** to see resources available to assign for follow-up.
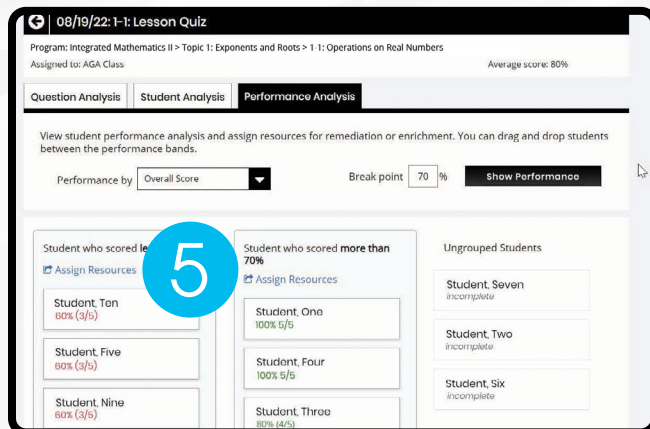
6. Click on **Question Analysis** to view class overall or individual answer choices and performance.

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
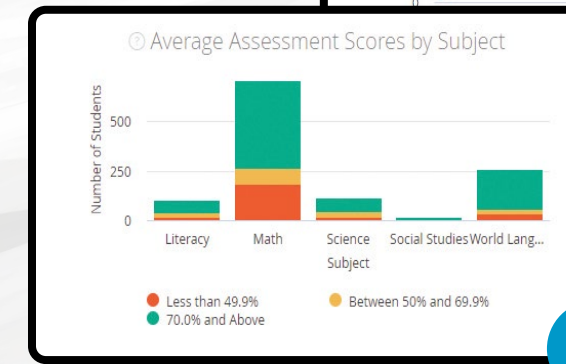
2. Examine program usage against your implementation strategy.
   • Schools
   • Programs
   • Assets opened

Performance
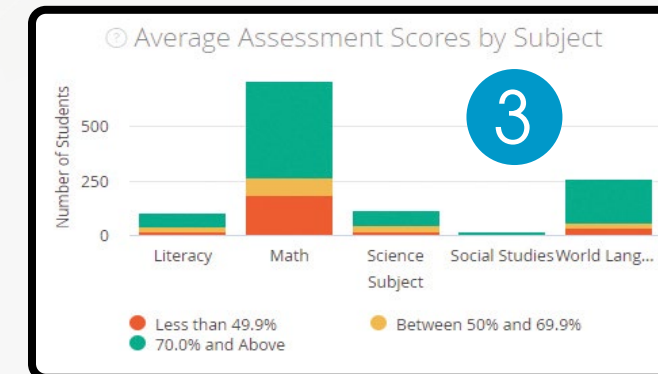
3. Review assessment scores by subject to see performance.
   • Score ranges
   • Programs
   • Schools

Progress

4. Explore percentage scores to see how classes and students perform on items in a given assessment.
   • Program
   • Assessment
   • Standards

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.

SAVVAS realize® Integrations

Rostering Tools	Student Information System	Productivity Tools	Learning Management System	Certifications
ClassLink	Aeries	Google Drive	CANVAS — ADLIB by Buzz	TrustEd Apps PLEDGE
ONEROSTER®	Infinite Campus	OneDrive	schoolOGY	1EDTECH CERTIFIED
And Many More!	PowerSchool	Google Classroom	SAFARI MONTAGE	Google for Education Partner

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Support for Savvas Realize

We are here for you when you need us.

Support.Savvas.com

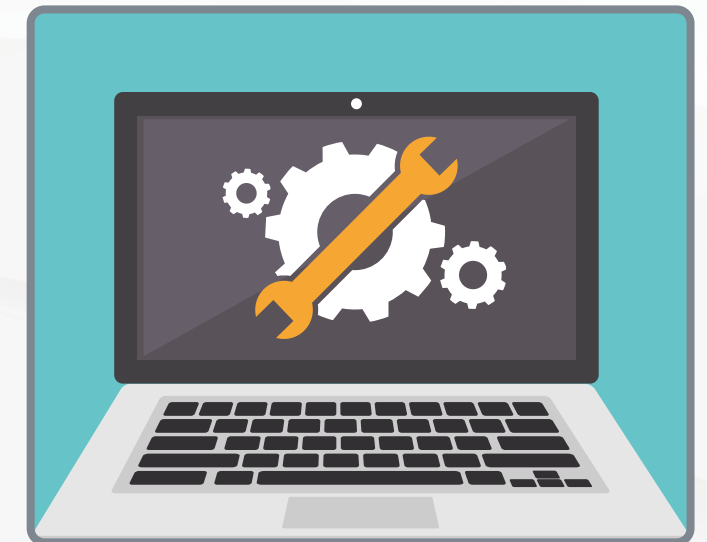For helpful troubleshooting tips and to get in touch with support.

mySavvasTraining.com

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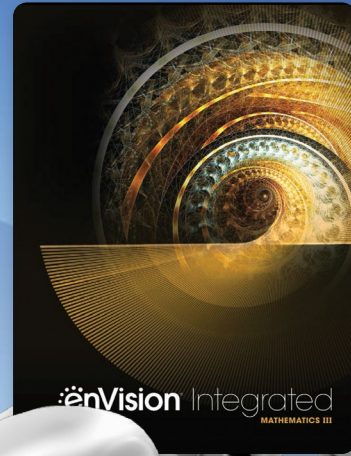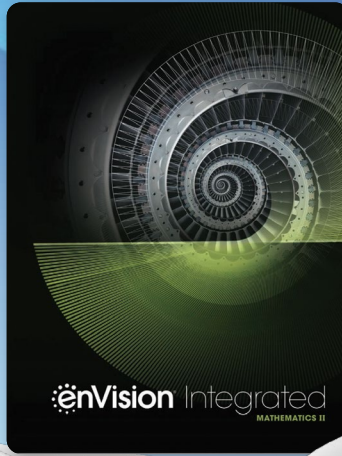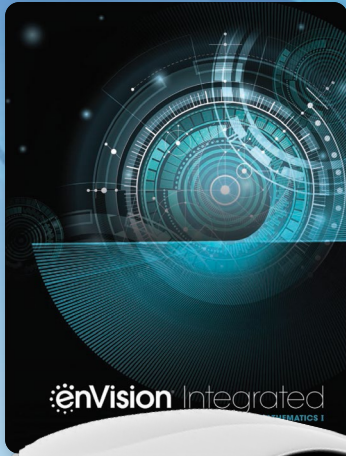
Parents.Savvas.com

Questions at home? Our "Parents' 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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