SAVVAS

Digital Reviewer's Guide

Algebra 1, Geometry, & Algebra 2

envision A G A

Kids See the Math. Teachers See Results.



envision A G A

Savvas Realize[™] is the online learning management system for *enVision*[®] *A|G|A*. A full suite of personalized teaching and learning tools helps students master state standards.

Guided Tour

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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

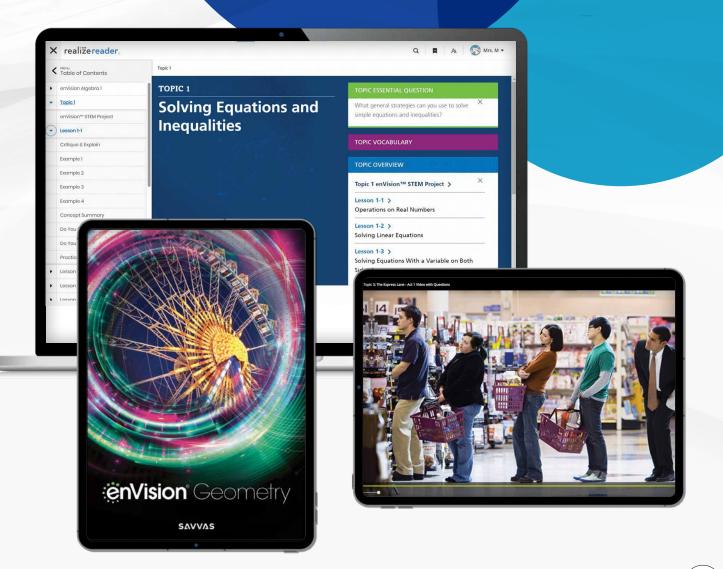
Quickly find and assign standards-based content to individual students, small groups, or the whole class.



Personalize Instruction

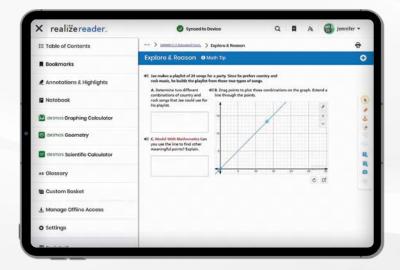
Flexible resources help you effectively and efficiently meet the needs of all students.

Kids See the Math. Teachers See Results.



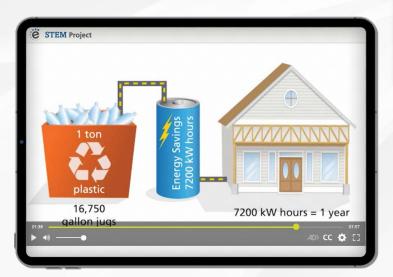
Engaging & Personalized Learning

enVision® A|G|A allows students to easily access lesson content, videos, and interactive tools—online or offline.



Explore & Reason/Critique & Explain/Model & Discuss Problem-Based Learning

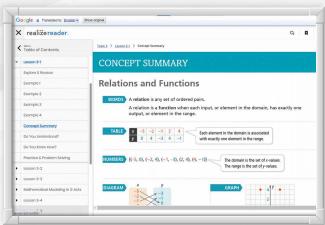
All lessons at all grade levels begin with the Explore & Reason/Critique & Explain/Model & Discuss problem-based learning activities. An interactive workspace with DrawPad tools engages students in building a solid foundation for conceptual understanding. Available online in Spanish for Algebra 1.



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[™].





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

3-Act Math

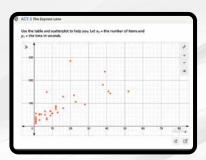
These high-interest, low-entry tasks develop students' conceptual understanding, procedural fluency, and adaptive reasoning as they test out different models and conjectures. Videos are available online in Spanish.

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



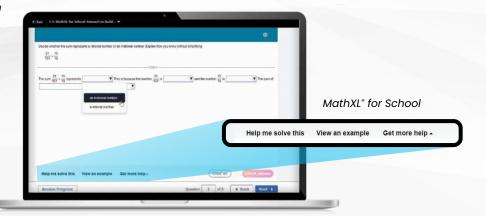
The final video reveals a possible answer and students analyze the results.



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







Mathematics Made Accessible

- Embedded Interactivities Powered by the Desmos™
 Calculator foster conceptual understanding. These highly visual interactives bring mathematical concepts to life.
- MathXL* for School from Pearson embedded, auto-scored assignments provide instant feedback with learning aids that act as a personal tutor. Available in Spanish for Algebra 1.
- Savvy Adaptive Practice delivers just-right math content to each student—both practice and instruction in real time.
- Individual Study Plans fill in gaps on prerequisite knowledge and help students focus on specific areas to experience success.
- Virtual Nerd® tutorial videos for every lesson provide students with a step-by-step problem walkthrough.
- Family Engagement empowers families at home with resources to support their student's learning.

Manageable & Flexible Teaching

Easy-to-Implement 4-Step Lesson Design

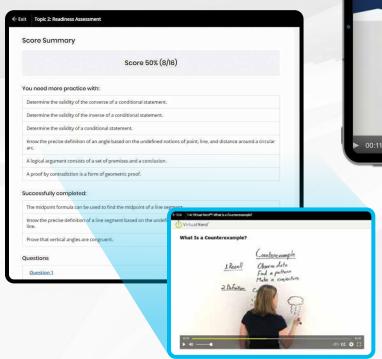
Classroom tested and teacher approved, lessons support conceptual understanding, procedural fluency, and application.



Teacher Support

Professional Development Topic Videos

offer quick, focused author perspectives as you start Topic planning.





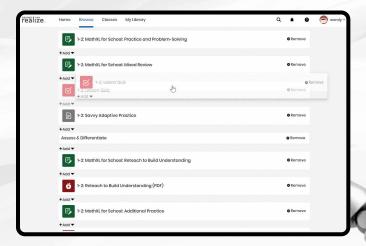
Individual Study Plans

- · Available for every Topic
- Automatically prescribed digital intervention instruction and practice help students master prerequisite skills.
- · Interactive instruction with explicit examples
- · Powerful learning aids in multiple modalities

enVision® A|G|A 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.

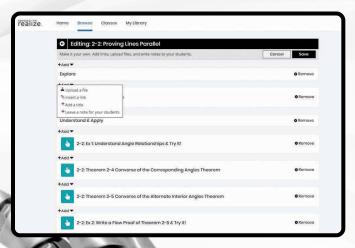
From Fixed to Flexible

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



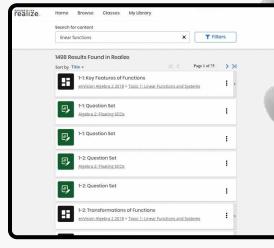
Upload Your Favorite Content

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.



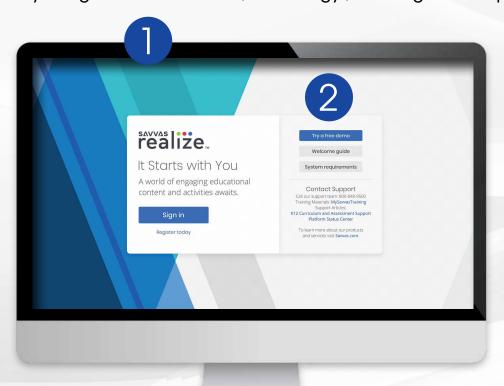


realize.

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.













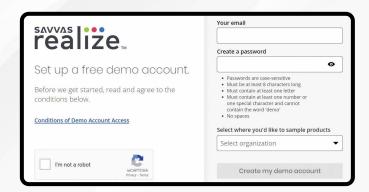




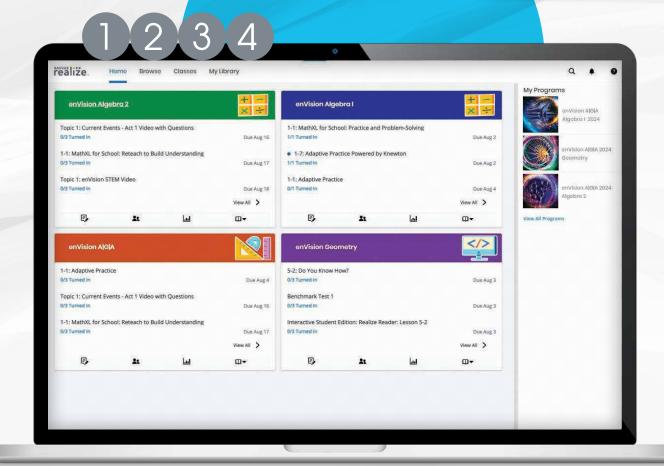
Type "SavvasRealize.com" in your browser bar.



Select Try a free demo.



LOGGING ON



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

2

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

3

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

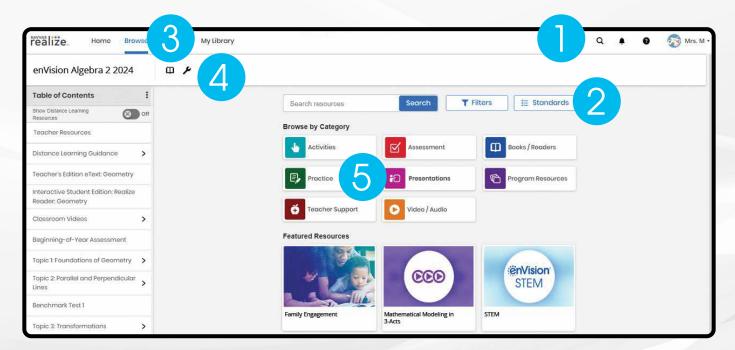
4

Find your customized content and shared content from administrators 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. Search Keyword Search makes

finding additional content easy.

2. Sort and Search

Sort and search content by standard.

3. eTexts

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

4. Tools

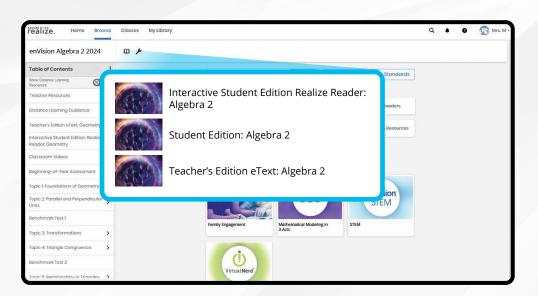
a. Additional resources including online manipulatives and a Spanish/English glossary.

b. Answers & Solutions

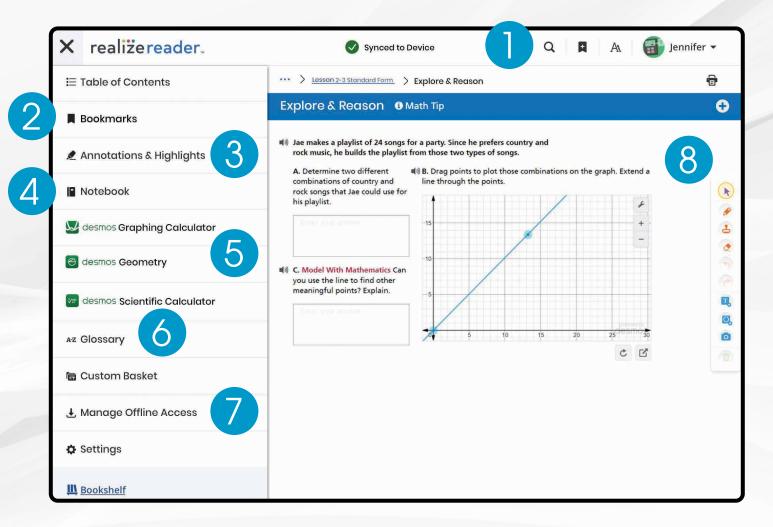
Application Access the **Answers & Solutions** Application to present and print answers and solutions for classroom use.

5. Lesson Presentation Slides

Editable Lesson Presentation Slides provided for every lesson!



REALIZE READER



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. Anytime Tools powered by Desmos

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

6. Glossary

Access the glossary in both English and Spanish.

7. Offline Access

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

8. Tools

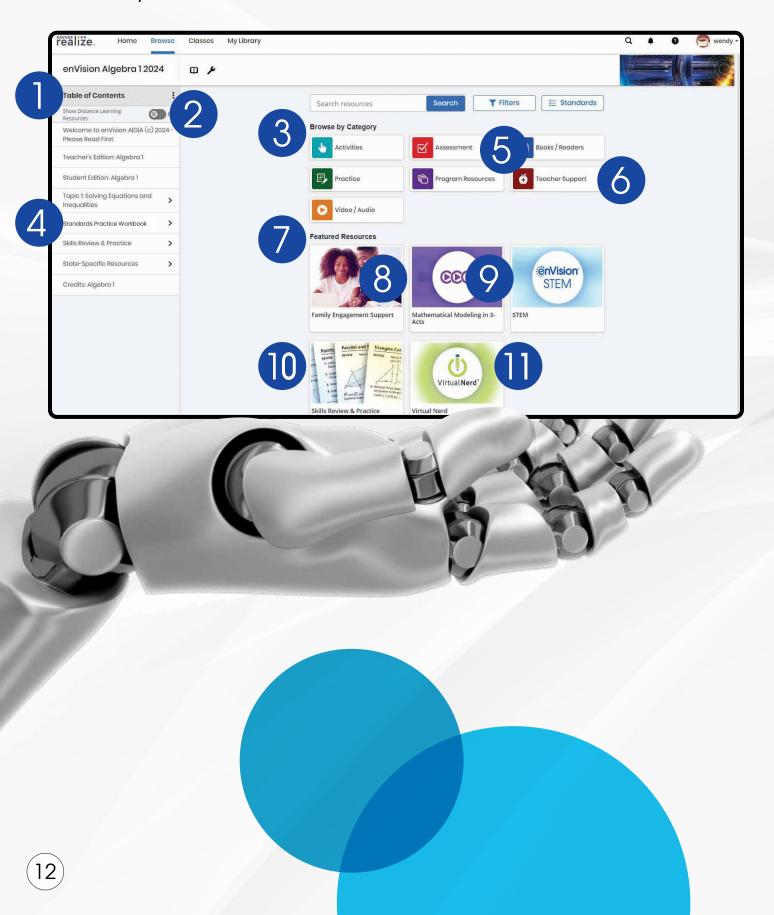
DrawPad digital tools let students to show their work and thinking.

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.



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. Browse by Category

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

4. Standards Practice Workbook

Practice for standards as well as full-year Practice
Tests and an online Teacher
Guide with support material and answer keys.



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.

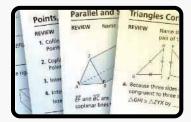
7. Featured Resources

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. Skills Review & Practice

Assign to students with the click of a button or allow the system to automatically assign the appropriate practice to students based on their assignment performance.



9. 3-Act Math

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



11. Virtual Nerd

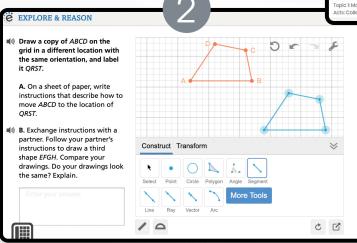
Tutorial videos for every lesson provide students with a step-by-step problem walkthrough.

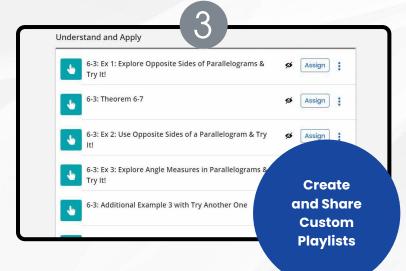
LESSON NAVIGATION

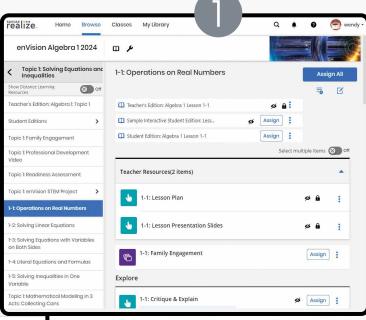
From the Topic Table of Contents, select a lesson.

Step 1 Explore

- Digital lessons include quick links to the Student and Teacher texts, while Teacher Resources provide the Lesson Plan, Lesson Presentation Slides, and Family Engagement materials to support the lesson.
- Each lesson begins with a Explore & Reason/ Model & Discuss/Critique & Explain interactive activity to engage students and build a solid foundation for conceptual understanding.



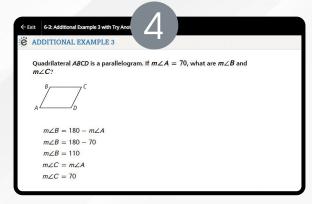


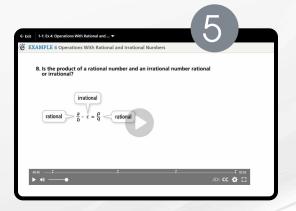


Explore & Reason/Model & Discuss/ Critique & Explain, and Convince Me! are also available in Spanish for Algebra 1.

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.



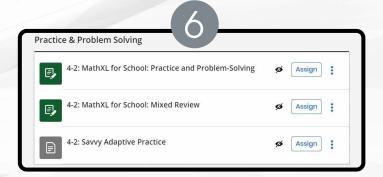


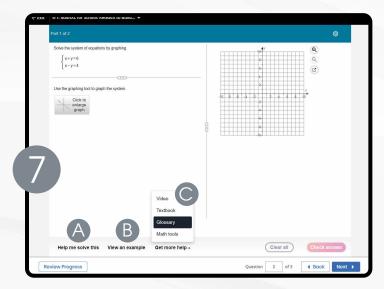
5. Embedded digital interactives powered by the Desmos™ Calculator help students make graphical, numerical, and algebraic connections.



Step 3Practice & Problem-Solving

- Personalized and adaptive learning encourages students to build mathematical proficiency, promotes higher-order thinking, and helps prepare students for high-stakes assessments.
- MathXL* for School from Pearson: Practice &
 Problem Solving; Mixed Review 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. **Tools** to aid accessibility, add an on-screen keyboard, or print





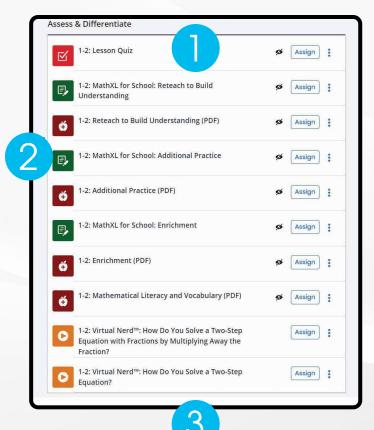
MathXL for School is also available in Spanish for Algebra 1.



8. 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



how do you solve a system of equations by graphing?

Find the solution to the following system of equations:

2x - y = 2
2x + y = 6

Find the Solution

2x - y = 2
2x + y = 6

1 Solve firy

y = 2x - 2
2x + y = 6

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

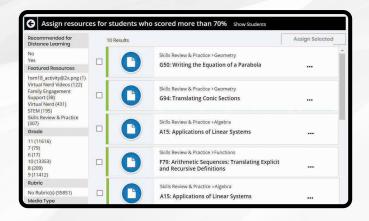


Launch Virtual Nerd videos from the student page with embedded QR codes. A variety of engaging differentiation options in each lesson encourages and challenges students of all learning levels.

Step 4 Assess & Differentiate

- Lesson Quiz provides 5 items on the lesson content in a variety of formats, including technologyenhanced items. Auto-scores and auto-prescribes remediation and enrichment. Available in Spanish.
- MathXL* for School from Pearson: 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.

Each lesson offers a differentiation library that also includes: Mathematical Literacy and Vocabulary; enVision° STEM Activity and accompanying launch videos. Skills Review & Practice scaffolded instruction can be used as intervention, practice, and/or review of critical prerequisite concepts and skills.

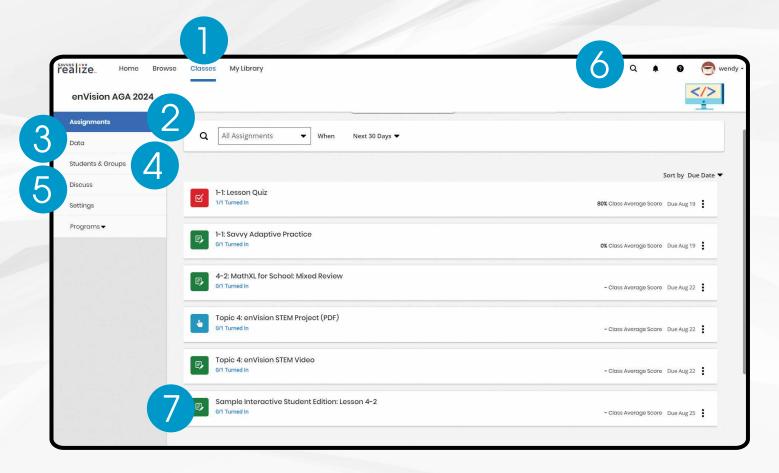


Auto-Assign Differentiation

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

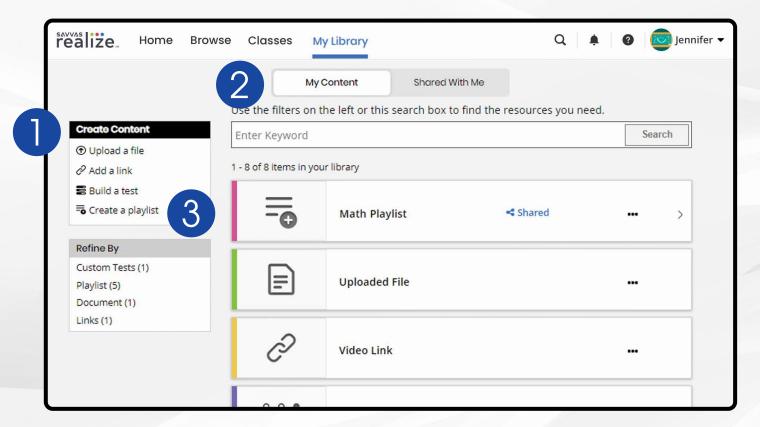
Search for assignments by title keywords for quick access to specific assignments.

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.



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. Lesson Presentation Slides

Editable slides provided for every lesson.

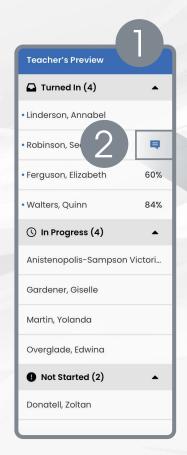
Interactive PDFs

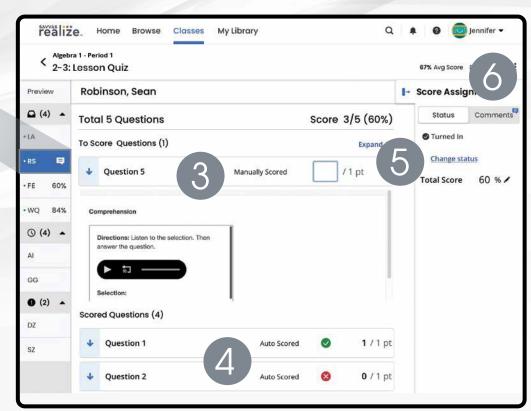
Realize automatically turns any PDF into an interactive assignment – whether it's a PDF you uploaded or one that is included in your Savvas program. Students can review, mark up, and interact with PDFs, and teachers can provide feedback.



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.





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

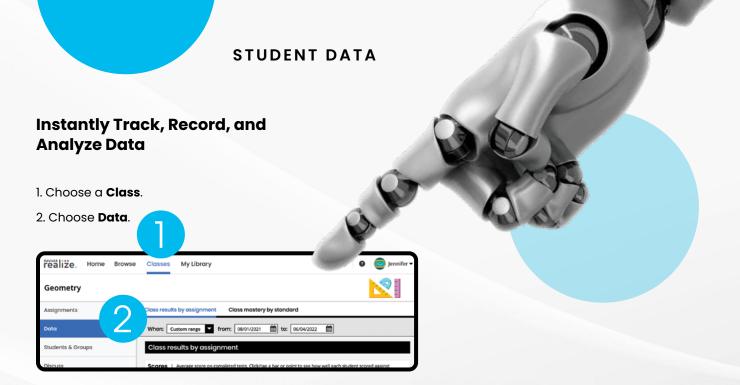
Realize will automatically score multiple-choice items, but teachers can click on auto-scored items to see the submitted answers.

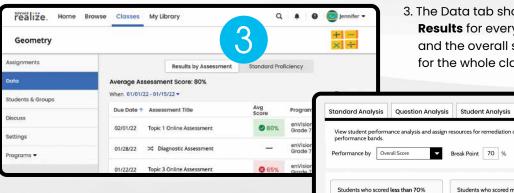
5. Return Assignments for Redo

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

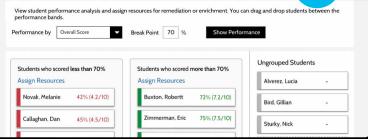
Read and respond to student comments or leave feedback.



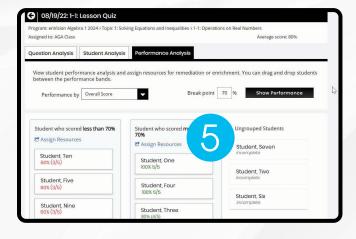


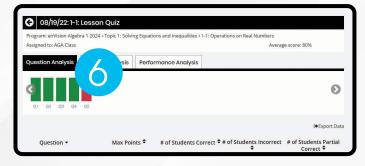
3. The Data tab shows **Assessment Results** for every assessment taken,
and the overall standard proficiency
for the whole class.

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.

ADMINISTRATOR TOOLS

Implementation

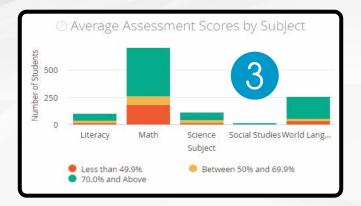
Administrators of any EasyBridge tier can access Savvas Realize[™] data by signing in to SavvasEasyBridge.com with a learning platform administrator account. Realize Reports help educators make decisions throughout the year regarding Implementation, Performance, and Progress.



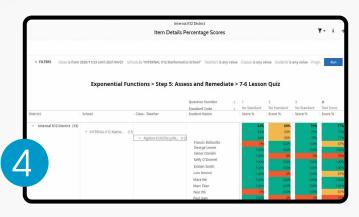
- Analyze logins to see if the program is being used, how many students are registered, and how they compare.
 - Students
 - Teachers
 - Totals
 - Prior periods
 - Roles
- Examine program usage against your implementation strategy.
 - Schools
 - Programs
 - · Assets opened

- 3. Review assessment scores by subject to see performance.
 - Score ranges
 - Programs
 - Schools
- Explore percentage scores to see how classes and students perform on items in a given assessment.
 - Program
 - Assessment
 - Standards

Performance



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.



















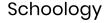




Google Classroom

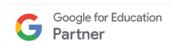


PowerSchool









And Many More!

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Support for Savvas Realize

We are here for you when you need us.



Support.Savvas.com

get in touch with support.



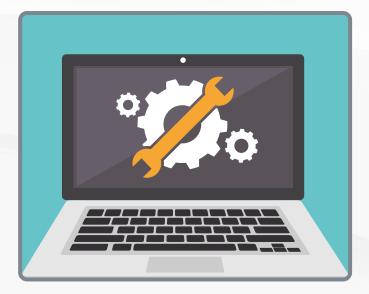
Parents.Savvas.com

Questions at home? Our "Parents' Corner" gives helpful tips and tricks to support learners and those who support them wherever they are.



mySavvasTraining.com

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



Status.Savvas.com

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



Kids See the Math. Teachers See Results.

Take an Interactive Tour!

Savvas.com/enVisionAGA



Savvas.com 800-848-9500

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