

enVision Mathematics A|G|A © 2024

Savvy Adaptive Practice

Introduction



The logo for enVision SAVVY ADAPTIVE PRACTICE A|G|A. The word "enVision" is in black with a blue dot pattern around the "e". "SAVVY" is in large blue letters with a blue exclamation mark. "ADAPTIVE PRACTICE" is in small blue letters below "SAVVY". "A|G|A" is in large black letters to the right.

- Personalize practice
- Support student needs
- Help learners make progress




A photograph of a group of diverse students sitting around a table in a classroom, engaged in a discussion. A teacher is also present, interacting with them. A laptop and papers are on the table.

Thanks for wanting to learn more about **enVision** Mathematics and Savvy Adaptive Practice!

Let's look at how you can use adaptive assignments to personalize practice, support individual student needs, and help every learner make progress toward the goals of each lesson.

What is Adaptive Practice?



Adaptive Assignments

Every learner is different. That's why our adaptive homework system responds explicitly to students' individual needs. Students will be assigned homework and practice resources based on their work throughout the year. Content from prior lessons may also be included to ensure proficiency of prerequisite skills. These individualized assignments will vary in length based on student progress toward each learning objective.

The student will receive questions that cover the following standards.

FN_RC_0225
Calculate and/or interpret the average rate of change of a function over given interval(s).

AR_QEQ_0151
Model, graph, and solve problems with quadratic equations (with real solutions) in two variables.

FN_QF_0199
Identify the effect on the graph of a quadratic function replacing $f(x)$ by $kf(x)$.

Tasks are connected to lesson objectives and standards

Prerequisite skill support when needed

Adaptive Practice is a digital engine that delivers both instruction and practice problems automatically in real time. The system intelligently adjusts to a learner's specific needs by presenting tailored tasks based on his or her demonstrated knowledge and skills.

Each adaptive assignment contains tasks that are connected to the lesson objectives and corresponding standards, and may include instruction and practice of prerequisite skills when a student demonstrates that extra help would be beneficial.

Each assignment is individualized, so assignments will vary in length based on student progress toward each learning objective. No two assignments are the same because no two students are the same!

Quick Tip

The screenshot shows the enVision Algebra 1 2024 interface. On the left is a sidebar with a list of topics under 'Topic 8: Quadratic Functions'. The main area is divided into two sections: 'Step 3: Practice & Problem-Solving' and 'Step 4: Assess & Differentiate'. In Step 3, there are three assignment options: '8-1: MathXL for School: Practice and Problem-Solving', '8-1: MathXL for School: Mixed Review', and '8-1: Savvy Adaptive Practice'. In Step 4, there is one assignment option: '8-1: Lesson Quiz'. Blue arrows point to each of these four assignment options. To the right of the interface, there are three text boxes explaining the purpose of each type of assignment.

enVision Algebra 1 2024

Topic 8: Quadratic Functions

Step 3: Practice & Problem-Solving

- 8-1: MathXL for School: Practice and Problem-Solving
- 8-1: MathXL for School: Mixed Review
- 8-1: Savvy Adaptive Practice

Step 4: Assess & Differentiate

- 8-1: Lesson Quiz

Teacher Resources:
[Printable: 8-1: Lesson Quiz](#)
[Editable: 8-1: Lesson Quiz](#)
[Answer Key: 8-1: Lesson Quiz](#)

Each lesson offers you several digital additional practice opportunities: assignments powered by MathXL for School and Savvy Adaptive Practice.

Use MathXL for School assignments when you want all students to experience the same on-level practice for a lesson. Students can choose the learning aids they need to work through the problems successfully.

Use Adaptive Practice when you want each student to have a unique experience personalized to his or her individual needs.

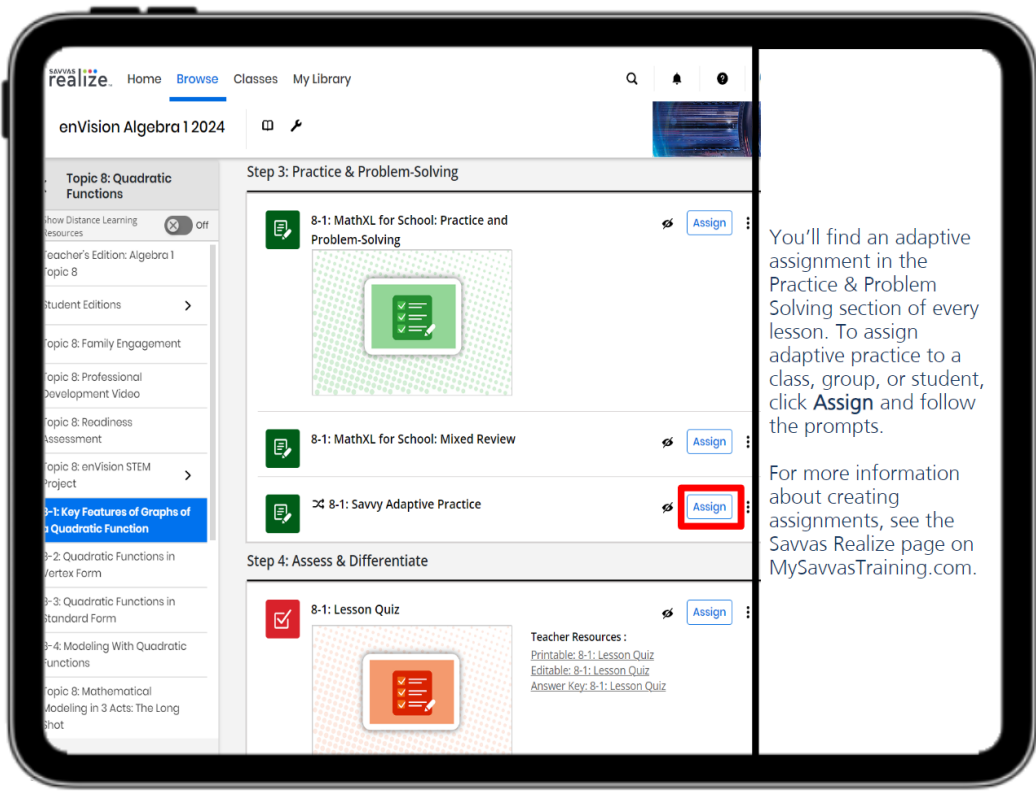
How Does it Work?

The screenshot displays the Savvy Adaptive Practice interface for enVision Algebra 1 2024. The left sidebar shows a navigation menu for Topic 8: Quadratic Functions, with '8-1: Key Features of Graphs of a Quadratic Function' selected. The main content area lists several assignments, including '8-1: MathXL for School: Mixed Review', '8-1: Savvy Adaptive Practice', and '8-1: Lesson Quiz'. A blue arrow points to the '8-1: Lesson Quiz' assignment, which is highlighted. Below the list, a blue banner reads 'Gathers student performance information from online assessments'.

The engine crafts each adaptive assignment in the moment to fit a student's individual needs. The system gathers student performance information from assessments taken online like Lesson Quizzes and tests to know where to start. Based on the student's responses during the adaptive assignment, the system adjusts the amount and difficulty of practice to pinpoint the right grade-level and prerequisite skills for each student for each lesson.

Students will receive a mix of problems, tasks, and instruction in a variety of formats. Content from prior lessons may also be included to ensure proficiency of prerequisite skills. Visual Learning Animation Plus videos make math ideas explicit to reinforce the lesson goals. Virtual Nerd videos provide students with step-by-step problem walkthroughs. The system creates a personalized combination of practice and instruction for each student.

Quick Tip



The screenshot displays the Savvas Realize platform interface for enVision Algebra 1 2024. The left sidebar shows the course structure, with 'Topic 8: Quadratic Functions' selected. The main content area is divided into 'Step 3: Practice & Problem-Solving' and 'Step 4: Assess & Differentiate'. Under Step 3, three assignments are listed: '8-1: MathXL for School: Practice and Problem-Solving', '8-1: MathXL for School: Mixed Review', and '8-1: Savvy Adaptive Practice'. The 'Savvy Adaptive Practice' assignment is highlighted with a red box, and its 'Assign' button is also highlighted. Under Step 4, the '8-1: Lesson Quiz' is listed with its 'Assign' button. To the right of the screenshot, a text box provides instructions on how to assign adaptive practice.

You'll find an adaptive assignment in the Practice & Problem Solving section of every lesson. To assign adaptive practice to a class, group, or student, click **Assign** and follow the prompts.

For more information about creating assignments, see the Savvas Realize page on [MySavvasTraining.com](https://www.mysavvas.com/training).

When Should I Use It?

The screenshot displays the Savvy Adaptive Practice interface within the enVision Algebra 1 2024 platform. The left sidebar shows the navigation menu for Topic 8: Quadratic Functions, with the '8-1: Key Features of Graphs of a Quadratic Function' section highlighted. The main content area lists several assignments, each with an 'Assign' button:

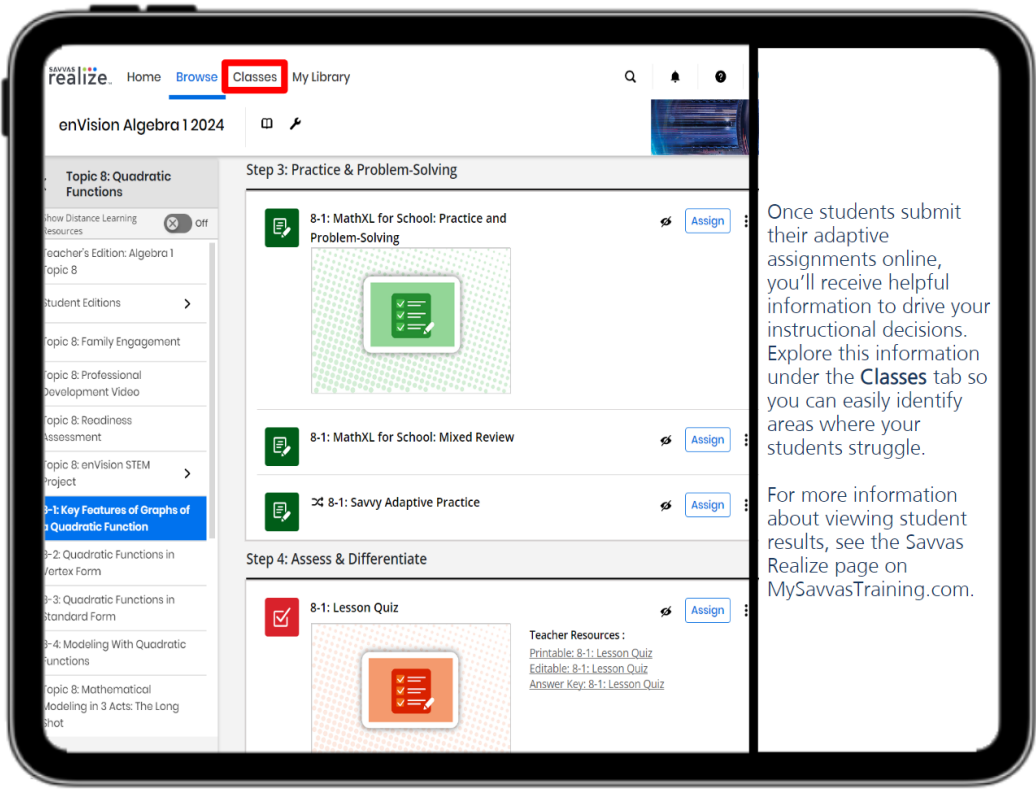
- 8-1: MathXL for School: Mixed Review
- 8-1: Savvy Adaptive Practice
- Step 4: Assess & Differentiate
 - 8-1: Lesson Quiz (includes a thumbnail image of a quiz card and links to Printable, Editable, and Answer Key resources)
 - 8-1: MathXL for School: Reteach to Build Understanding
 - 8-1: Reteach to Build Understanding (PDF)
 - 8-1: MathXL for School: Additional Practice
 - 8-1: Additional Practice (PDF)

A blue banner at the bottom of the interface reads: "Assign adaptive practice at the end of a lesson".

The more students use the system, the better it adapts to their needs to provide the necessary targeted remediation. The system learns more about the student with each assignment that he or she completes. Consider assigning adaptive practice to groups of students at the end of a lesson since remediation occurs for the skills being taught that day.

You can also use these assignments for the whole class, small groups, or individual students at any time during a topic, since the system continuously adapts in real time so students automatically receive the support they need. Adaptive practice helps minimize student frustration and maximize student success!

Quick Tip



The screenshot shows the Savvas Realize interface for enVision Algebra 1 2024. The 'Classes' tab is highlighted in the top navigation bar. The left sidebar lists various topics, with 'Topic 8: Quadratic Functions' selected. The main content area displays 'Step 3: Practice & Problem-Solving' and 'Step 4: Assess & Differentiate'. Under Step 3, there are three assignment options: '8-1: MathXL for School: Practice and Problem-Solving', '8-1: MathXL for School: Mixed Review', and '8-1: Savvy Adaptive Practice'. Each option has an 'Assign' button. Under Step 4, there is one assignment option: '8-1: Lesson Quiz', which also has an 'Assign' button. To the right of the screenshot, there is a text box providing additional information.

Once students submit their adaptive assignments online, you'll receive helpful information to drive your instructional decisions. Explore this information under the **Classes** tab so you can easily identify areas where your students struggle.

For more information about viewing student results, see the Savvas Realize page on [MySavvasTraining.com](https://mysavvas.com).

Closing




Thank You!

Savvy Adaptive Practice and
enVision A|G|A

Keep exploring MySavvasTraining.com to learn more
about **enVision** Mathematics and Savvas Realize!

my **SAVVAS** Training



Are you ready to try Savvy Adaptive Practice in your classroom? See how adaptive practice will enhance your students' **enVision** Mathematics journey.