

# enVision A|G|A Differentiation

Introduction



#### Hi, **enVision** A|G|A teachers!

Let's look at the variety of resources available for differentiated instruction at both the topic and lesson levels. These resources can help you reach the range of learners in your classroom.

### Quick Tip





Check out the Differentiation Resources chart in your *Teacher's Edition Program Overview* for a list of the enVision A | G | A differentiation resources and where to find them in the program materials.

#### **Topic-level Differentiation**

торіс	Solving Equations and Inequalities		
	Topic Overview	2A	enVision <sup>™</sup> STEM Project
	ënVision STEM		
	1-2 Solving Linear Equations	11A	
	1-3 Solving Equations With A Variable on Both Sides		
	1-4 Literal Equations and Formulas	24A	Mathematical Modeling
ſ	1-5 solving inequalities in One Variable	llecting Cans	
	1-6 Compound Inequalities	.37A	
	1-7 Absolute Value Equations and Inequalities	43A	
	Topic Review		
	Topic Assessment Topic Performance Assessment	53A 53C	
	access) als lowers		

There are several topic-level opportunities to differentiate instruction for your students.

The Topic Readiness Assessment determines your students' readiness for the topic content and prescribes interventions as needed. The digital version of the assessment is auto-scored, and a personalized study plan is generated for each student based on his or her score. Students receive practice tasks in their Savvas Realize<sup>™</sup> accounts tailored to their specific needs based on the results of the online assessments.

Each topic also includes an **enVision**<sup>™</sup> STEM Project and a Mathematical Modeling in 3 Acts lesson. These activities make math inviting with high-interest, low-entry tasks. Students can choose how they show what they know as they work on these tasks.

### Quick Tip



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remediation resources you can use to differentiate instruction based on your students' results.

### Lesson-level Differentiation



You'll find differentiation resources and tips in each step of a four-step **enVision** A|G|A lesson.

#### Step 1: Explore



In Step 1: Explore, differentiate instruction by letting students solve the problem-based learning activity using any method they choose.

As you and your students discuss the different strategies used to solve the problem, students can make connections between various approaches and deepen their conceptual understanding.

The Teacher's Edition provides support to facilitate these conversations before, during, and after the activity.



#### Step 2: Understand & Apply



Next, in Step 2: Understand & Apply, check for understanding using Examples, Try It! exercises, and Additional Examples.

Notice the support notes in your Teacher's Edition that can help you differentiate instruction for English language learners, advanced students, and struggling students.

Use the Do You Understand? and Do You Know How? as formative assessment opportunities to help you decide how much and what type of practice to assign students in Step 3.



#### Step 3: Practice & Problem Solving

€ 1-1: MathXL for School: Practic	e and Problem Solving 🔻							
1.1.10				📰 Qu	estion Help 🛱			
Think About the Process Apply the Distributive Property first to solve the equation below. What instead, you divide first to solve the equation what operation would you need to use last? $8\left(\frac{d}{2}-8\right) = 80$				a (				
If you apply the Distributive Property fi Multiplication Subtraction Division Addition	rst, what operation will you ne	eed to use last?		<ul> <li>Textbook</li> <li>Glossary</li> <li>Math Tools</li> <li>Print</li> </ul>				
Exercises are <b>auto-scored</b> and have <b>built-in</b> learning aids								
1 part remaining	С	Clear All			Check Answer			
	Review progress	Question 1	of 36 Go	<b>←</b> Back	Next 🗲			

Then, in Step 3: Practice & Problem Solving, assign differentiated practice to solidify student understanding. Use the Assignment Guide and Item Analysis to choose the amount and difficulty level of practice for groups of students.

Alternatively, you can assign the online version of Practice and Problem Solving to differentiate instruction. These exercises are auto-scored and have built-in learning aids to provide support to students.

### Quick Tip





### Step 4: Assess & Differentiate



Finally, in Step 4: Assess & Differentiate, administer the Lesson Quiz and then provide differentiation based on the results. Use the Item Analysis and Rtl information to prescribe differentiated assignments.

You'll find a library of resources on Savvas Realize.

You'll also find digital differentiated assignments powered by MathXL® for School and video tutorials powered by Virtual Nerd.

#### Quick Tip



You can assign the digital Lesson Quiz and have the system create differentiated assignments. The online version of the quiz is auto-scored, and you can choose to have the system provide auto-assigned intervention or enrichment activities for students based on their results.





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#### Closing



Thanks for discovering how **enVision** A|G|A resources can help you differentiate instruction and provide targeted support to all your students.