Explore enVision A | G | A Teacher Toolkit

My Resources

Smart Start

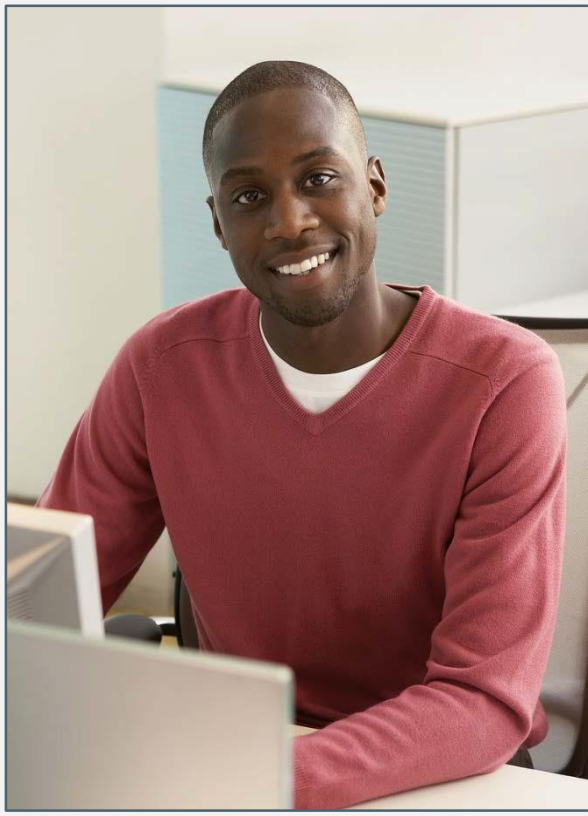
Wonder what you should do first to train yourself and prepare to teach with **enVision A|G|A**? Use this Smart Start tool!

Digital Reviewer's Guide

Would you like to access the digital resources on PearsonRealize.com? Use the *Digital Reviewer's Guide* to learn more.

Pacing Guide

Want to know more about pacing your semester and school year? Check out some great resources in the *Teacher's Edition Program Overview* that can help you plan and pace your instruction.



www.MyPearsonTraining.com

A **one-stop, 24-hour training website** with thousands of Pearson resources

www.PearsonRealize.com

A **web-based portal** with full, digital access to the program

How to Get Support

WEBINARS

Sign up for unlimited live webinars on topics of your choice with a Certified Training Specialist. Attend these in small groups or individually.

EMAIL

Email support conveniently puts you in touch with a Certified Training Specialist to quickly answer your questions.

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The Live Chat feature connects you directly with a Certified Training Specialist for instant answers to your questions.

Note: In order for the links in this document to work, you must add **MyPearsonTraining.com** to your trusted sites list.

Use this map to start your **enVision A|G|A** learning journey.

1. DIG into resources.

- ❑ Familiarize yourself with the components.
- ❑ **TEPO:** Read the **From the Authors** sections.
- ❑ **SE:** Check out the layout of student pages.
- ❑ **RLZ:** Explore the **Table of Contents**.

2. TOUR the program.

- ❑ **TEPO:** Read **Using a Lesson** in the User's Guide.
- ❑ **RLZ:** Review the instructional resources available under the **Teacher Resources** and **Tools** menus.
- ❑ **MPT**: To view all resources, go to the On-Demand Training tab. Watch some of the recorded webinars and/or tutorials.

3. PREPARE for instruction.

- ❑ **MPT**: View the Program Overview and Digital Courseware tutorials.
- ❑ **RLZ:** Review the **Classroom Videos** on the Table of Contents.

4. COLLABORATE with others.

- ❑ **MPT**: Attend a chat/email session or schedule a customized, topic-specific webinar with a Certified Training Specialist.
- ❑ **Observe a colleague** teaching a lesson.
- ❑ **RLZ:** Discuss the **Classroom Videos** with a colleague.

Key

TEPO — Teacher's Edition Program Overview

SE — Student Edition

MPT — My Pearson Training

RLZ — Pearson Realize

Use this map to prep your **enVision A|G|A** classroom and plan for an upcoming topic.

Get Set Up

Configure your classroom:

- ❑ Create dedicated space for **differentiated** instruction.
- ❑ Set up desks so students can work in **small-group**, **pairs**, and **independent settings**.
- ❑ Set up **electronic devices**.

Get Organized

Prepare for instruction:

- ❑ Set up a system for storing and using **devices**.
- ❑ **Establish routines** for using devices in class.
- ❑ Download and familiarize yourself with the **Answers & Solutions** application.

Get Planning

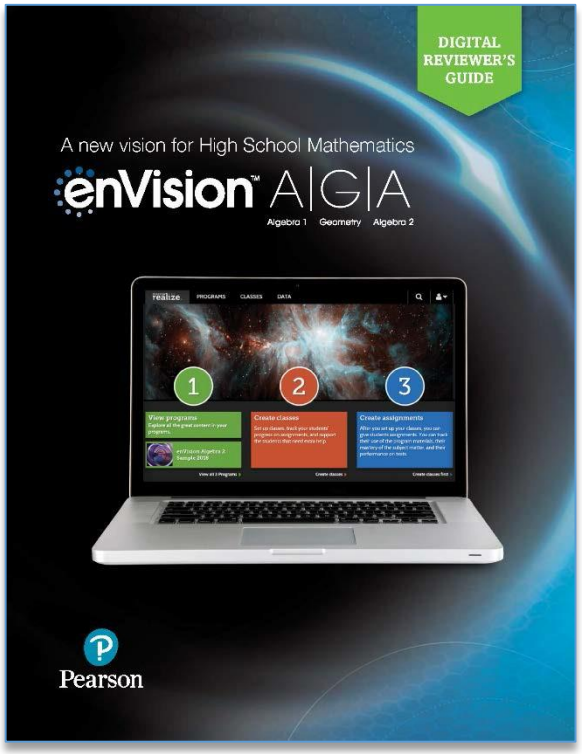
- ❑ Review the **Pacing Guide** and **Correlations** information in the *Teacher's Edition Program Overview*.
- ❑ Review the **Preparing for a Topic** section of the *Teacher's Edition Program Overview*.
- ❑ In your Teacher's Edition, plan using the **Topic Overview** resources:
  - ❑ Examine the **Math Background** and **Math Practices & Processes** pages.
  - ❑ Explore the **Topic Planner**.
  - ❑ Review the **Topic Opener** to find out more about the **Essential Question** and **Mathematical Modeling in 3 Acts** tasks for the topic.
  - ❑ Investigate the **enVision STEM project** for the topic.

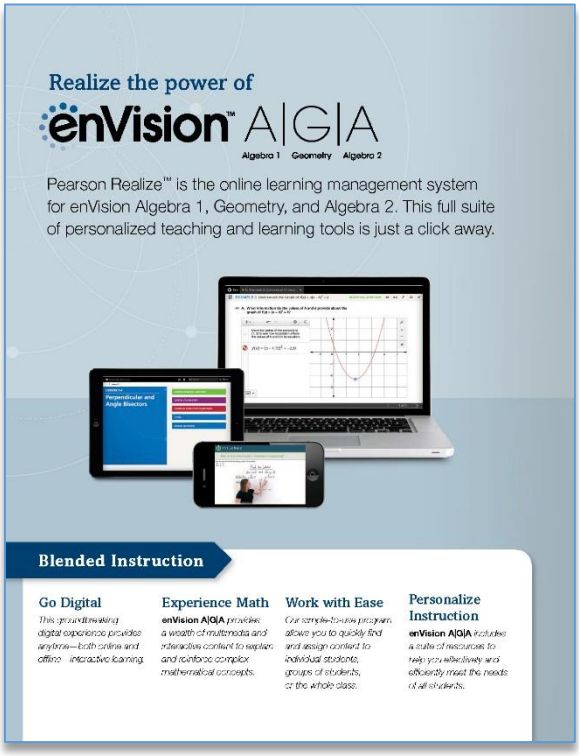
Digital Reviewer's Guide

Are you wondering how to get started on Pearson Realize and use the digital resources? Use the ***Digital Reviewer's Guide*** to support you as you navigate the website—www.pearsonrealize.com.

You can access the ***Digital Reviewer's Guide*** on My Pearson Training.

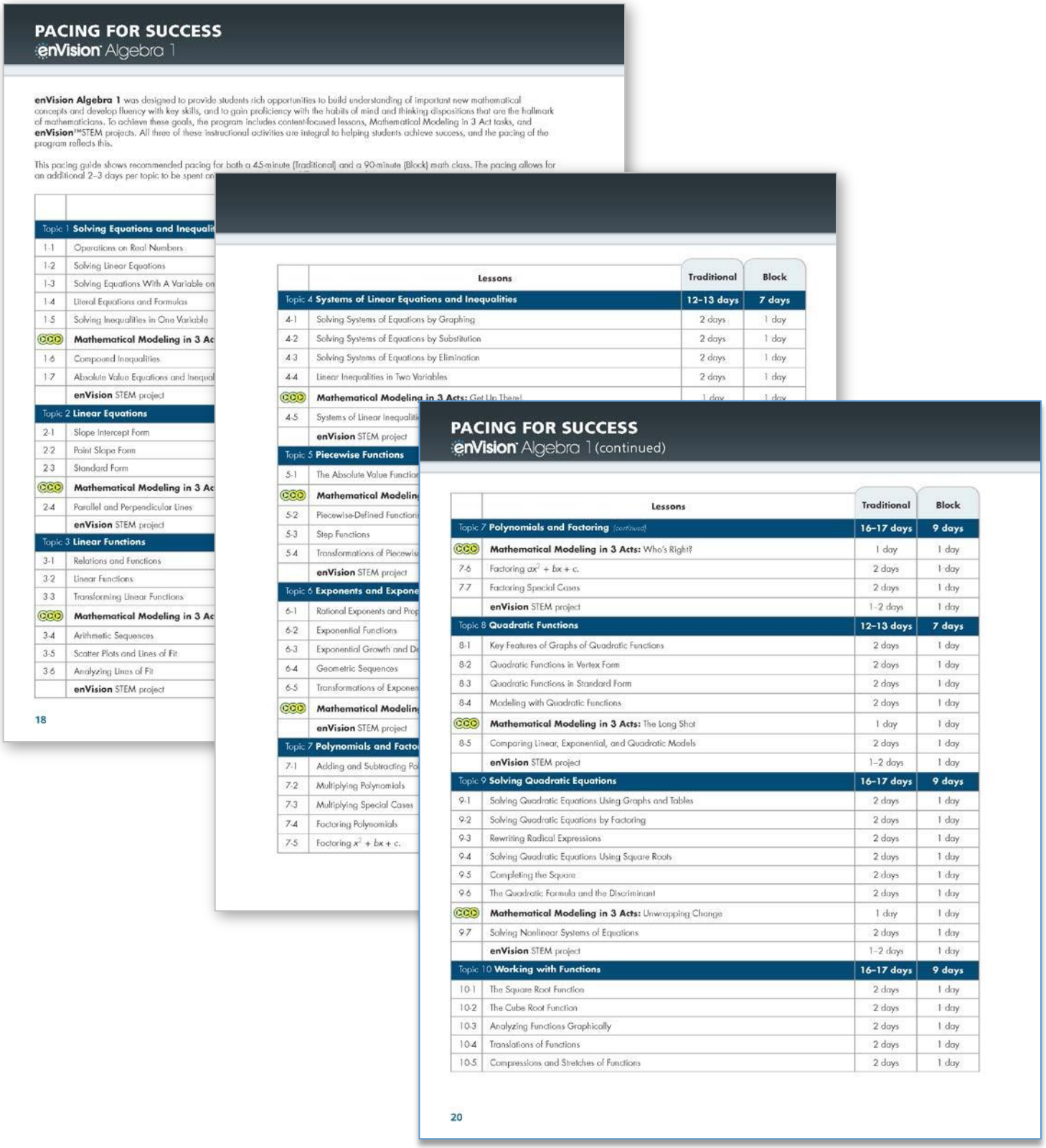
Are You...	Use these sections:
Not sure how to access the digital resources on Pearson Realize?	**Teacher Experience** and **Home Page**
Looking for the online Teacher's Edition and Student Edition?	**Student Experience** and **Navigating the eText**
Looking for topic and lesson resources?	**Navigating a Topic** and **Navigating a Lesson**
Looking for information about classes, assignments, and data?	**Managing Classes** and **Track & Analyze Data**





Pacing Guide

The ***Teacher's Edition Program Overview*** gives you information about pacing **enVision A|G|A.** The Pacing For Success Guide contains pacing recommendations for Traditional and Block schedules including lessons, Mathematical Modeling in 3 Acts tasks, and **enVision** STEM projects.



PACING FOR SUCCESS
enVision Algebra 1

enVision Algebra 1 was designed to provide students rich opportunities to build understanding of important new mathematical concepts and develop fluency with key skills, and to gain proficiency with the habits of mind and thinking dispositions that are the hallmark of mathematicians. To achieve these goals, the program includes content-focused lessons, Mathematical Modeling in 3 Act tasks, and **enVision**™STEM projects. All three of these instructional activities are integral to helping students achieve success, and the pacing of the program reflects this.

This pacing guide shows recommended pacing for both a 45-minute (Traditional) and a 90-minute (Block) math class. The pacing allows for an additional 2–3 days per topic to be spent on

Topic 1 **Solving Equations and Inequali**	
1-1	Operations on Real Numbers
1-2	Solving Linear Equations
1-3	Solving Equations With A Variable on
1-4	Literal Equations and Formulas
1-5	Solving Inequalities in One Variable
CCO	**Mathematical Modeling in 3 Ac**
1-6	Compound Inequalities
1-7	Absolute Value Equations and Inequal
	enVision STEM project
Topic 2 **Linear Equations**	
2-1	Slope Intercept Form
2-2	Point Slope Form
2-3	Standard Form
CCO	**Mathematical Modeling in 3 Ac**
2-4	Parallel and Perpendicular Lines
	enVision STEM project
Topic 3 **Linear Functions**	
3-1	Relations and Functions
3-2	Linear Functions
3-3	Transforming Linear Functions
CCO	**Mathematical Modeling in 3 Ac**
3-4	Arithmetic Sequences
3-5	Scatter Plots and Lines of Fit
3-6	Analyzing Lines of Fit
	enVision STEM project

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	Lessons	Traditional	Block
Topic 4 **Systems of Linear Equations and Inequalities**		**12–13 days**	**7 days**
4-1	Solving Systems of Equations by Graphing	2 days	1 day
4-2	Solving Systems of Equations by Substitution	2 days	1 day
4-3	Solving Systems of Equations by Elimination	2 days	1 day
4-4	Linear Inequalities in Two Variables	2 days	1 day
CCO	**Mathematical Modeling in 3 Acts:** Get Up There!	1 day	1 day
4-5	Systems of Linear Inequaliti		
	enVision STEM project		
Topic 5 **Piecewise Functions**			
5-1	The Absolute Value Functior		
CCO	**Mathematical Modelin**		
5-2	Piecewise-Defined Function		
5-3	Step Functions		
5-4	Transformations of Piecewis		
	enVision STEM project		
Topic 6 **Exponents and Expone**			
6-1	Rational Exponents and Prop		
6-2	Exponential Functions		
6-3	Exponential Growth and De		
6-4	Geometric Sequences		
6-5	Transformations of Exponen		
CCO	**Mathematical Modelin**		
	enVision STEM project		
Topic 7 **Polynomials and Facto**			
7-1	Adding and Subtracting Po		
7-2	Multiplying Polynomials		
7-3	Multiplying Special Cases		
7-4	Factoring Polynomials		
7-5	Factoring $x^2 + bx + c$.		

PACING FOR SUCCESS
enVision Algebra 1 (continued)

	Lessons	Traditional	Block
Topic 7 **Polynomials and Factoring** *(continued)*		**16–17 days**	**9 days**
CCO	**Mathematical Modeling in 3 Acts:** Who's Right?	1 day	1 day
7-6	Factoring $ax^2 + bx + c$.	2 days	1 day
7-7	Factoring Special Cases	2 days	1 day
	enVision STEM project	1–2 days	1 day
Topic 8 **Quadratic Functions**		**12–13 days**	**7 days**
8-1	Key Features of Graphs of Quadratic Functions	2 days	1 day
8-2	Quadratic Functions in Vertex Form	2 days	1 day
8-3	Quadratic Functions in Standard Form	2 days	1 day
8-4	Modeling with Quadratic Functions	2 days	1 day
CCO	**Mathematical Modeling in 3 Acts:** The Long Shot	1 day	1 day
8-5	Comparing Linear, Exponential, and Quadratic Models	2 days	1 day
	enVision STEM project	1–2 days	1 day
Topic 9 **Solving Quadratic Equations**		**16–17 days**	**9 days**
9-1	Solving Quadratic Equations Using Graphs and Tables	2 days	1 day
9-2	Solving Quadratic Equations by Factoring	2 days	1 day
9-3	Rewriting Radical Expressions	2 days	1 day
9-4	Solving Quadratic Equations Using Square Roots	2 days	1 day
9-5	Completing the Square	2 days	1 day
9-6	The Quadratic Formula and the Discriminant	2 days	1 day
CCO	**Mathematical Modeling in 3 Acts:** Unwrapping Change	1 day	1 day
9-7	Solving Nonlinear Systems of Equations	2 days	1 day
	enVision STEM project	1–2 days	1 day
Topic 10 **Working with Functions**		**16–17 days**	**9 days**
10-1	The Square Root Function	2 days	1 day
10-2	The Cube Root Function	2 days	1 day
10-3	Analyzing Functions Graphically	2 days	1 day
10-4	Translations of Functions	2 days	1 day
10-5	Compressions and Stretches of Functions	2 days	1 day

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Evaluation: Participant Survey

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