

enVision Mathematics Let's Go Digital!

Introduction

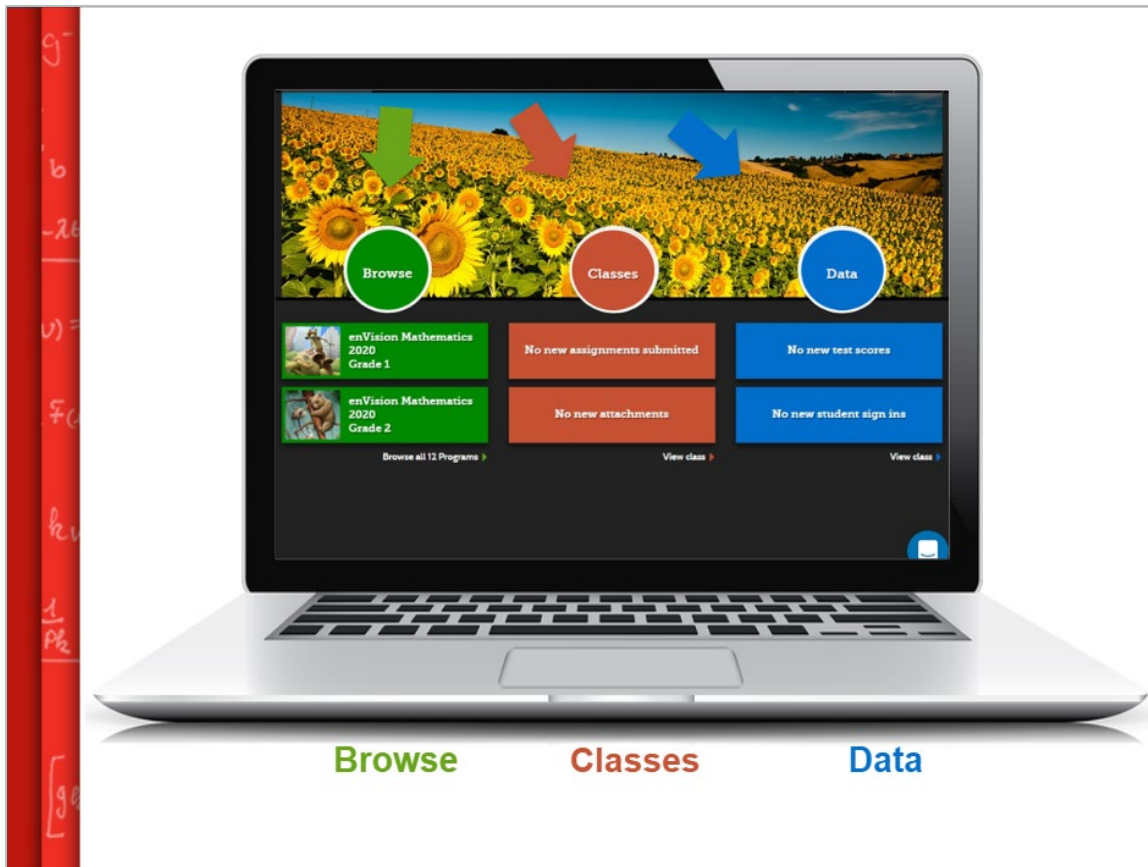


Hi, **enVision** Mathematics teachers!

Are you ready to go completely digital? Or are you looking for a starting place to incorporate some technology into your math lessons? Either way, there's something on Pearson Realize™ for you and your students.

Let's explore some engaging digital resources on Pearson Realize.

Where Do I Start?



First, find your way to [PearsonRealize.com](https://www.pearsonrealize.com).

Start by logging in to your account. If you don't have log-in credentials, visit the Pearson Realize page on [MyPearsonTraining.com](https://www.mypearsontraining.com) for more information.

Once you're on the home page, access program resources as well as classroom management and data-tracking tools.

Now let's dig in to your **enVision** Mathematics digital resources.

Table of Contents

The screenshot displays the 'Table of Contents' interface. On the left, there is a list of content items:

- GETTING STARTED**
 - Getting Started with enVision Mathematics (with 'Add to Playlist' and 'Info' options)
 - Teacher's Edition: Grade 3 (with 'Add to Playlist' and 'Info' options)
 - Teacher's Edition Program Overview: Grade 3 (with 'Add to Playlist' and 'Info' options)
- Classroom Videos
- Grade 3 Readiness Tests

On the right sidebar, there are several menu options:

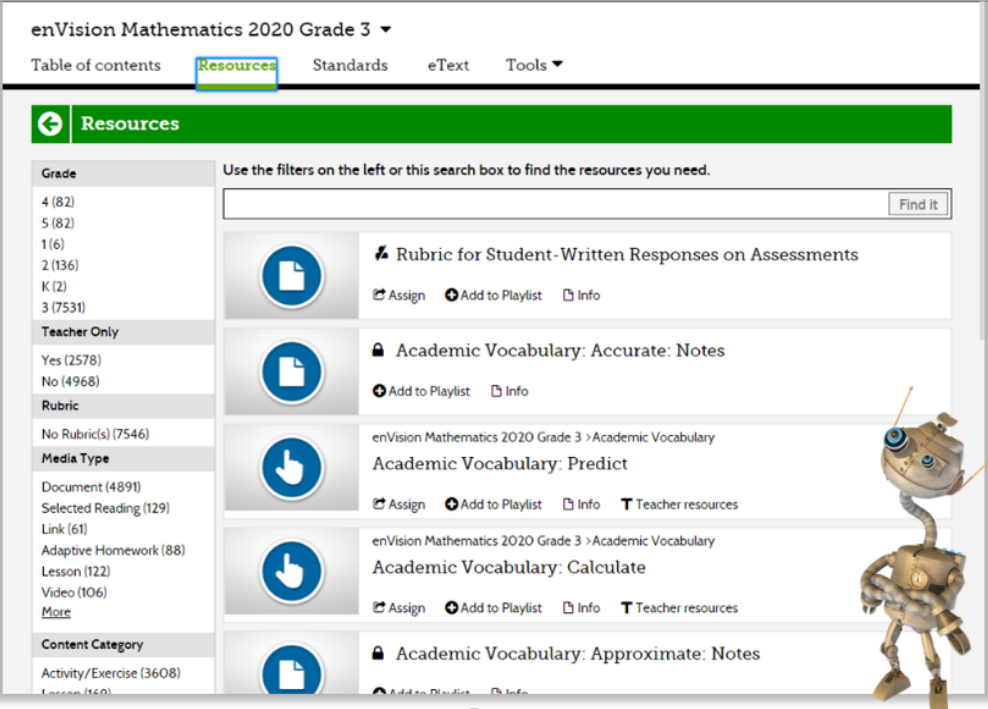
- Create Content** (highlighted with a red box)
- Rearrange
- My Content
- Teacher Resources** (highlighted with a red box)

A cartoon robot character is positioned at the bottom of the sidebar. Below the screenshot, the text reads:

Table of Contents

The Table of Contents includes eTexts, Professional Development Videos, assessments, Math Practices Animations, and more! Use the Create Content menu to add your own files, links, and tests. Open the Teacher Resources menu to find additional assessments, answer keys, teaching tools, and resources.

Resources



enVision Mathematics 2020 Grade 3 ▾

Table of contents **Resources** Standards eText Tools ▾

Resources

Use the filters on the left or this search box to find the resources you need.

Find it

Grade

- 4 (82)
- 5 (82)
- 1 (6)
- 2 (136)
- K (2)
- 3 (7531)

Teacher Only

- Yes (2578)
- No (4968)

Rubric

- No Rubric(s) (7546)

Media Type

- Document (4891)
- Selected Reading (129)
- Link (61)
- Adaptive Homework (88)
- Lesson (122)
- Video (106)
- [More](#)

Content Category

- Activity/Exercise (3608)
- Lesson (160)

Rubric for Student-Written Responses on Assessments

Assign Add to Playlist Info

Academic Vocabulary: Accurate: Notes

Add to Playlist Info

enVision Mathematics 2020 Grade 3 > Academic Vocabulary

Academic Vocabulary: Predict

Assign Add to Playlist Info Teacher resources

enVision Mathematics 2020 Grade 3 > Academic Vocabulary

Academic Vocabulary: Calculate

Assign Add to Playlist Info Teacher resources

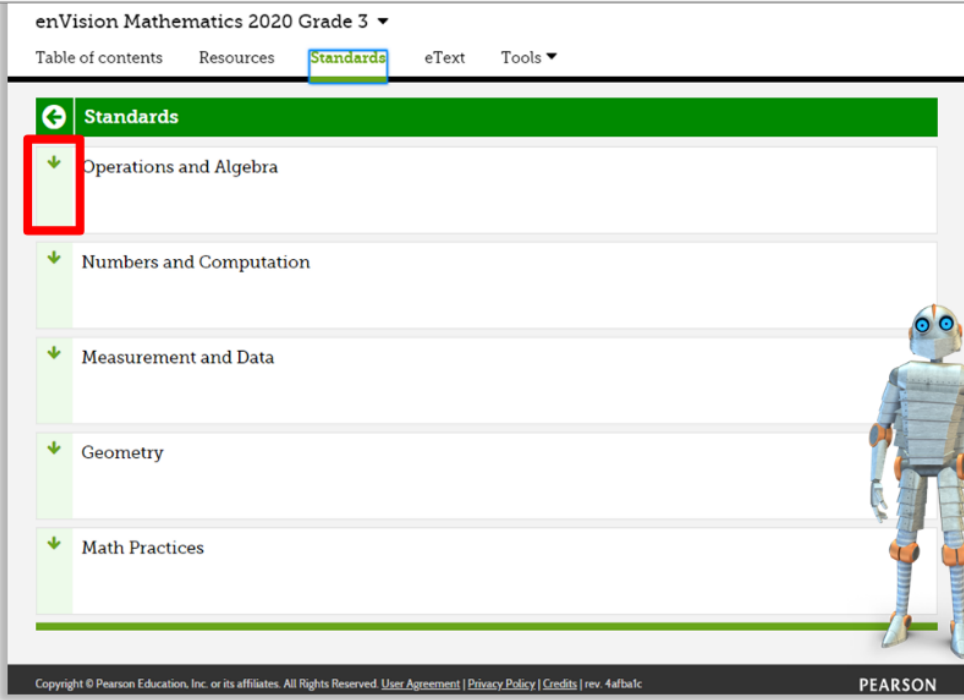
Academic Vocabulary: Approximate: Notes

Add to Playlist Info

Resources

The Resources tab is a great place to filter or search for enVision Mathematics resources by category or keyword. Enter a keyword in the search area, and explore the corresponding resources.

Standards



enVision Mathematics 2020 Grade 3 ▾

Table of contents Resources **Standards** eText Tools ▾

Standards

- Operations and Algebra
- Numbers and Computation
- Measurement and Data
- Geometry
- Math Practices

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PEARSON

Standards

Use the Standards tab to search for materials by a specific standard. Click the arrows to expand the standards, and then click the name of the standard to see which **enVision** Mathematics resources align to that standard.

eTexts

enVision Mathematics 2020 Grade 3 ▾

Table of contents Resources Standards **eText** Tools ▾

eText

- eText del Libro del estudiante: Grado 3
Info
- Teacher's Edition: Grade 3
Info
- Interactive Student Edition: Grade 3
Info
- Interactive Additional Practice: Grade 3
Info
- Student Edition: Grade 3
Info
- enVision Matemáticas 2020, Grado 3_ Práctica adicional interactiva

eTexts

You can find eTexts of both the Teacher's Edition and Student Edition on the Table of Contents, but you can also access them under the eText tab. To open an eText, click its title. Students can bookmark, highlight, and take notes in their Interactive Student Edition Realize Readers!

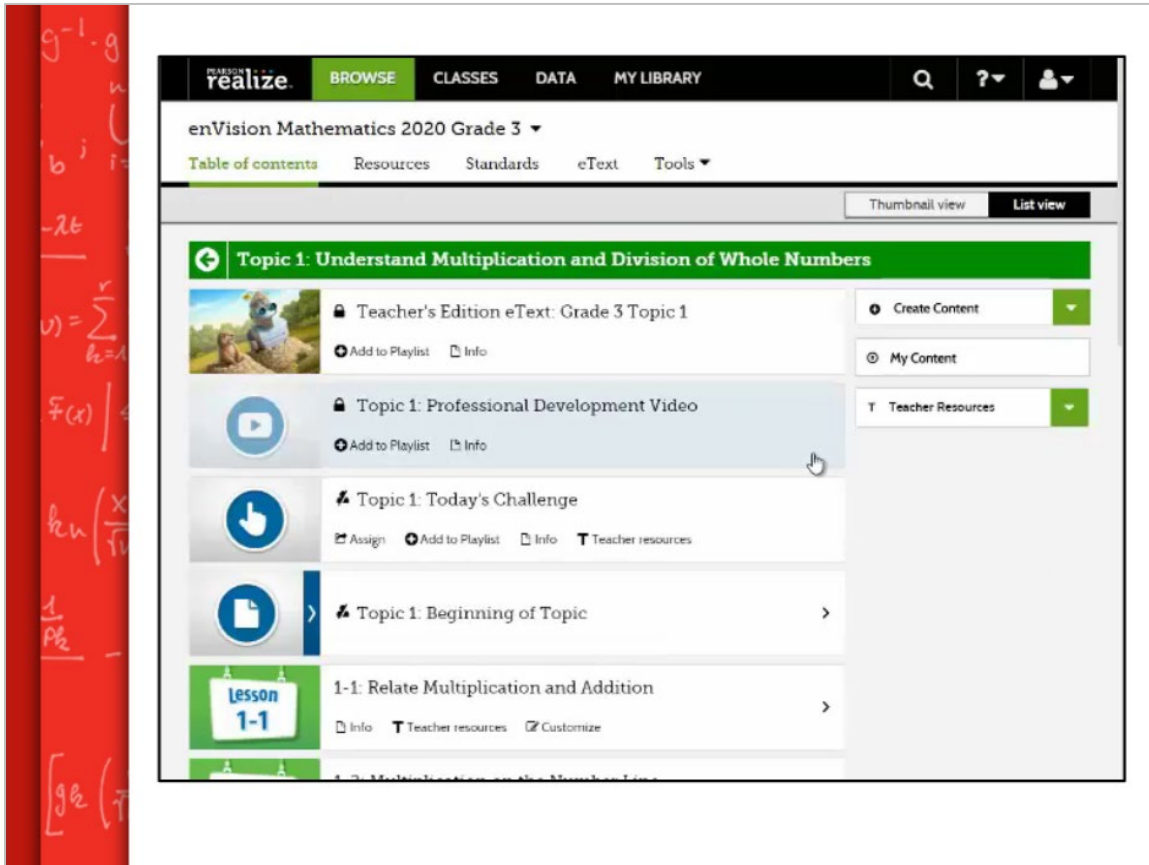
Tools

The screenshot shows the enVision Mathematics 2020 Grade 3 interface. At the top, there are navigation tabs: Table of contents, Resources, Standards, eText, and Tools. The Tools menu is open, displaying a list of options: Grade 3: Game Center, Grade 3: Centro de juegos, Grade 3: Glossary, Math Tools, Grade 3 Offline Teacher Resources, ExamView Download (Windows), ExamView Download (Mac), and Realize Scout. A red box highlights this menu. Below the menu, there are sections for 'Table of Contents', 'GETTING STARTED', 'Teacher's Edition Program Overview: Grade 3', 'Classroom Videos', and 'Grade 3 Readiness Tests'. On the right side, there are buttons for 'Thumbnail view' and 'List view', and a 'Create Content' dropdown menu. A cartoon robot character is visible in the bottom right corner of the interface.

Tools

Open the Tools menu anytime to find a variety of interactive tools that you and your students can use. Check out the Game Center and Math Tools.

Planning a Topic



The screenshot shows the Pearson Realize interface for enVision Mathematics 2020 Grade 3. The navigation bar includes 'BROWSE', 'CLASSES', 'DATA', and 'MY LIBRARY'. The main content area is titled 'enVision Mathematics 2020 Grade 3' and features a 'Table of contents' tab. The selected topic is 'Topic 1: Understand Multiplication and Division of Whole Numbers'. The resources listed are:

- Teacher's Edition eText: Grade 3 Topic 1 (with 'Create Content' and 'My Content' options)
- Topic 1: Professional Development Video (with 'Add to Playlist' and 'Info' options)
- Topic 1: Today's Challenge (with 'Assign', 'Add to Playlist', 'Info', and 'Teacher resources' options)
- Topic 1: Beginning of Topic (with a right arrow)
- Lesson 1-1: Relate Multiplication and Addition (with 'Info', 'Teacher resources', and 'Customize' options)

Let's look at the topic resources to help you plan and teach with **enVision** Mathematics.

A great place to start is the Professional Development Video. Each video has tips from the program authors.


Then, review the Today's Challenge problems. Notice that each problem of the five-day challenge uses the same data with increasing difficulty each day. Consider displaying the problem at the beginning of the day and having students use the DrawPad tools to respond.

Next, explore the Beginning of Topic resources that help you engage students and activate prior knowledge. You'll find the **enVision** STEM Activity, Review What You Know, and Vocabulary Cards to assign or download.

You have links to each lesson including 3-Act Math lessons with videos and questions.

Check out the End of Topic resources to help your students review and practice what they've learned. Then use the Topic Performance Task and Assessments to evaluate your students' progress!

Quick Tip



Home-School
Connection
Topic 1

Name _____

Understand Multiplication and Division of Whole Numbers

Dear Family:

Your child is learning how to multiply. Help him or her think of multiplication as joining equal groups. For example, 5×2 is 5 groups of 2. So $5 \times 2 = 10$.

Your child is also learning how to divide. Help him or her think of division as sharing equally. For example, $42 \div 7$ can be thought of as 42 crayons and 7 boxes. Each box has an equal number of crayons. There are 6 crayons in each box.

Do the activities below with your child to help him or her learn multiplication and division concepts and facts.

Multiplication Stories

Give your child a multiplication fact, such as 4×3 . Have your child tell you a multiplication story for that fact. Sample story: Jake has 4 bags of apples. There are 3 apples in each bag. How many apples does Jake have in all? Repeat the activity with a different multiplication problem.

Division Stories

Give your child a division fact, such as $32 \div 8$. Have your child tell you a division story for that fact. Sample story: Sally has 32 pictures. She puts an equal number of pictures on 8 pages. How many pictures does Sally put on each page? Repeat the activity with a different division problem.

Observe Your Child

Ask your child to explain the relationship of the factors in multiplication to the number groups and the number in each group.

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De la escuela al hogar
(en español)
Tema 1

Nombre _____

Multiplicación y división de números enteros

Estimada familia:

Su niño(a) está aprendiendo a multiplicar. Ayúdalo(a) a pensar en la multiplicación como la unión de grupos iguales. Por ejemplo, 5×2 es 5 grupos de 2. Por tanto $5 \times 2 = 10$.

Su niño(a) también está aprendiendo a dividir. Ayúdalo(a) a pensar en la división como repartir equitativamente. Por ejemplo, $42 \div 7$ se puede pensar como 42 crayones y 7 cajas. Cada caja tiene la misma cantidad de crayones. Hay 6 crayones en cada caja.

Haga con su niño(a) las actividades de abajo para ayudar(a) a aprender los conceptos y los operaciones de multiplicación y división.

Cuentos sobre multiplicación

Dé a su niño(a) una operación de multiplicación, como 4×3 . Pídale a su niño(a) que le cuente un cuento sobre multiplicación para esa operación. Ejemplo de cuento: Jake tiene 4 bolsas de manzanas. Hay 3 manzanas en cada bolsa. ¿Cuántas manzanas tiene Jake en total? Repita la actividad con un problema de multiplicación diferente.

Cuentos sobre división

Dé a su niño(a) una operación de división, como $32 \div 8$. Pídale a su niño(a) que le cuente un cuento sobre división para esa operación. Ejemplo de cuento: Sally tiene 32 fotos. Pone la misma cantidad de fotos en 8 páginas. ¿Cuántas fotos puso Sally en cada página? Repita la actividad con un problema de división diferente.

Observe a su niño(a)

Pídale a su niño(a) que explique la relación de los factores de multiplicación con el número de grupos iguales y el número en cada grupo.

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Quick Tip Make sure to download the Home-School Connection letters (available in English and Spanish) to send home to families at the beginning of each topic. Click **Next** below to continue.

Teaching a Lesson

Let's check out how to plan for and teach a lesson using digital resources. To help you plan, watch the Listen and Look For video.

You can have students work on the Daily Review and Today's Challenge at any point during the school day.

Start each lesson with the problem-based Solve & Share task. Display the problem from your computer and use the DrawPad tools to model your students' ideas.

Then, use the Visual Learning Animation Plus video to engage students as they explore multiple representations. When the video pauses automatically, facilitate mathematical discourse to help students build conceptual understanding.

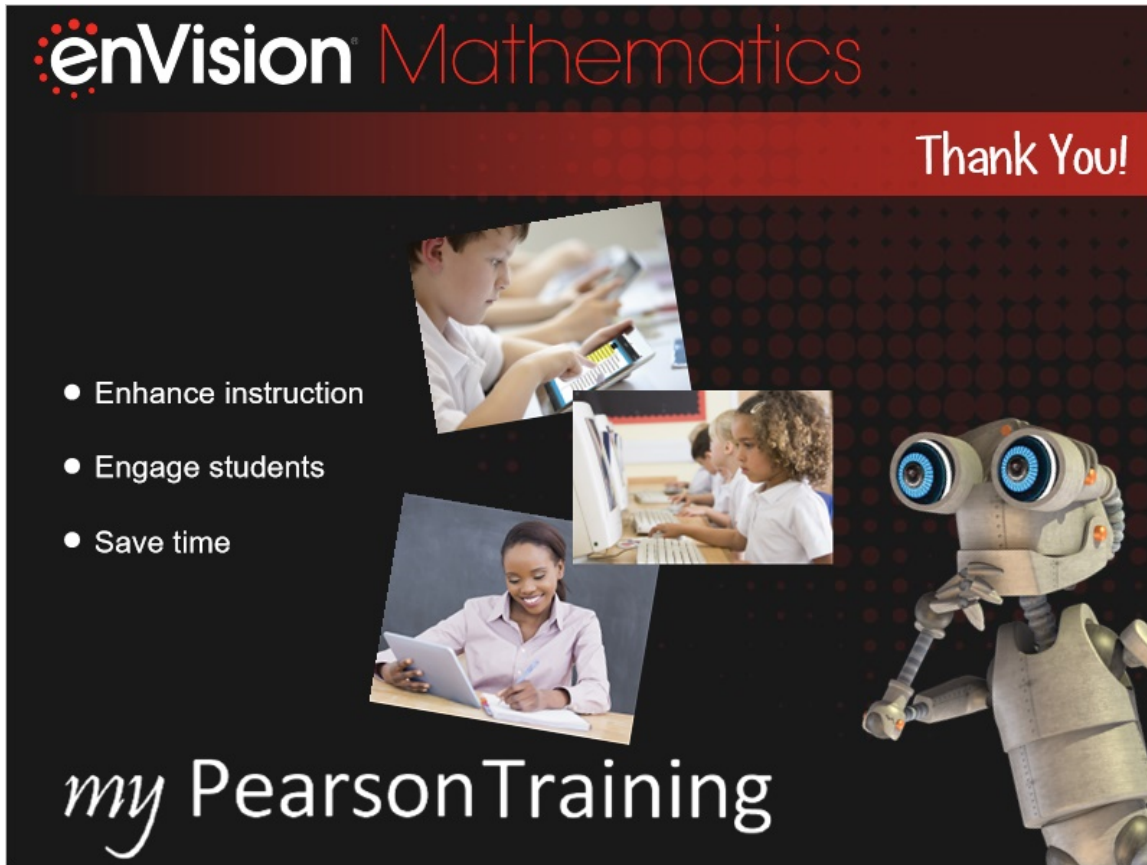
Use the Convince Me! to give your students more practice with the lesson concepts.

Depending on your grade level, assign additional practice using the Student Edition, Practice Buddy, Interactive Additional Practice, or Adaptive Practice Powered by Knewton®.

Wrap up the lesson with the Quick Check and Lesson Self-Assessment to check for understanding. Then differentiate instruction for small groups with activities, games, projects, and videos to address the needs of the range of learners in your classroom.

Knewton® is a registered trademark.

Closing



The graphic features the enVision Mathematics logo at the top left, with 'enVision' in white and 'Mathematics' in red. A red banner at the top right says 'Thank You!' in white. Below the banner, there are three photos: a boy using a tablet, a girl at a computer, and a teacher at a laptop. A list of three bullet points is on the left, and a friendly-looking robot is on the right. At the bottom, the text 'my Pearson Training' is written in a mix of white and red fonts.

- Enhance instruction
- Engage students
- Save time

my Pearson Training

Thanks for learning more about **enVision** Mathematics digital resources today!

We identified a few starting places to help you enhance your instruction, keep your students engaged, and save yourself some time.

Check out MyPearsonTraining.com for more information about **enVision** Mathematics and Pearson Realize!