

enVisionmath2.0 Grades K-5 Let's Go Digital!

Introduction

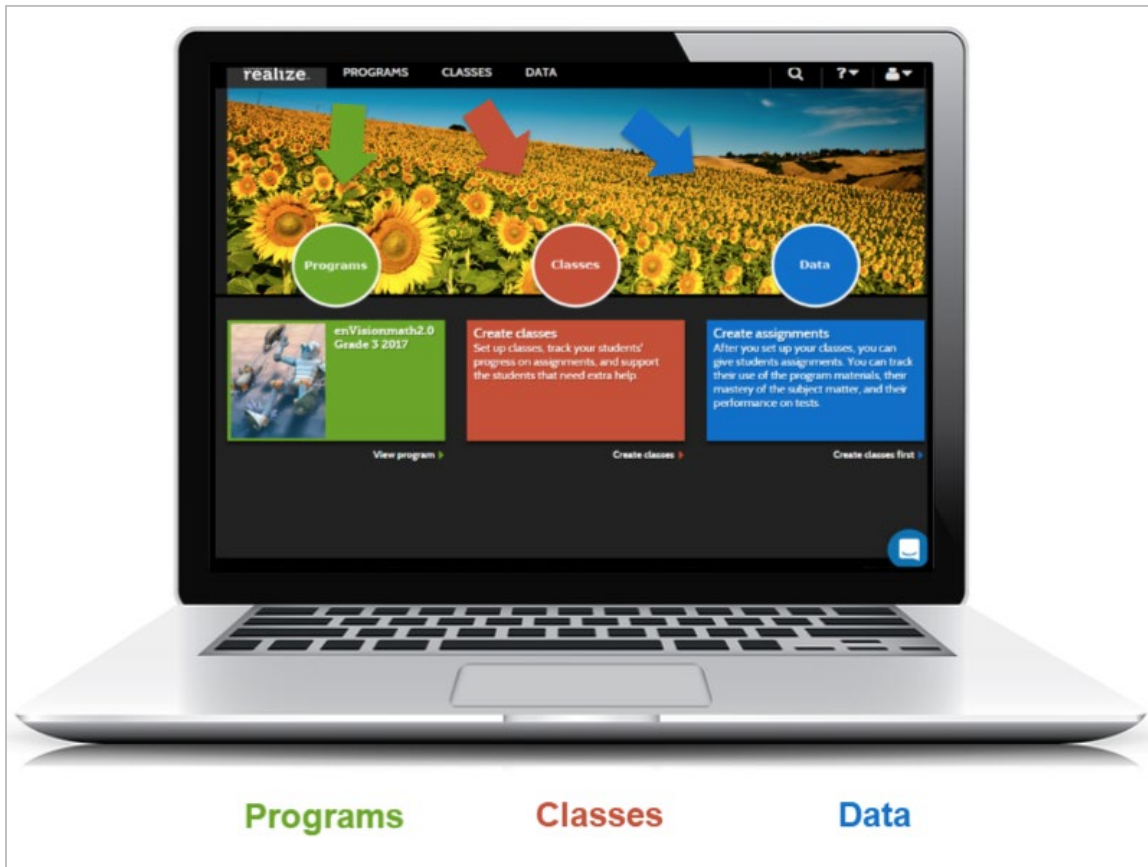


Hi, **enVisionmath2.0** teachers!

Let's take a look at some engaging and time-saving digital resources on Savvas Realize™.

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

Where Do I Start?



Your first stop is SavvasRealize.com.

Start by logging in to your account. If you don't have log-in credentials, visit the Savvas Realize™ page on MyPearsonTraining.com to watch a tutorial or read a handout.

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

Today, let's focus on your **enVisionmath2.0** program resources.

Let's start by digging in to the **enVisionmath2.0** resources at the topic and lesson levels.

Table of Contents

The screenshot shows the 'enVisionmath2.0 Grade 3 2017' interface. At the top, there is a navigation bar with 'realize', 'BROWSE', 'CLASSES', 'DATA', and 'MY LIBRARY'. Below this, there are tabs for 'Table of contents', 'Resources', 'Standards', 'eText', and 'Tools'. The main content area is titled 'Table of Contents' and features a list of resources:

- Teacher's Edition eText: Grade 3** (with 'Add to Playlist' and 'Info' icons)
- Online Teacher's Edition Program Overview: Grade 3** (with 'Add to Playlist' and 'Info' icons)
- Professional Development Video Visual Learning 3–6** (with 'Add to Playlist' and 'Info' icons)
- Online Placement Test** (with 'Assign', 'Add to Playlist', 'Info', 'Teacher resources', and 'Customize' icons)
- Math Practices Animations** (with a right-pointing arrow)
- Topic 1: Understand Multiplication and Division of Whole Numbers** (with a right-pointing arrow)

On the right side, there is a 'Create Content' menu with options: 'Upload a file', 'Add a link', and 'Build a test'. Below that is a 'Teacher Resources' menu with several items:

- 3/4-Year Practice Performance Task 1 (with 'Assign', 'Add to Playlist', and 'Info' icons)
- 3/4-Year Practice Performance Task 1: Answer Key (with 'Add to Playlist' and 'Info' icons)
- 3/4-Year Practice Performance Task 2 (with 'Assign', 'Add to Playlist', and 'Info' icons)
- 3/4-Year Practice Performance Task 2: Answer Key (with 'Add to Playlist' and 'Info' icons)

First, you'll see the Table of Contents, which 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

The screenshot displays the 'enVisionmath2.0 Grade 3 2017' interface. At the top, a navigation bar includes 'realize', 'BROWSE', 'CLASSES', 'DATA', and 'MY LIBRARY'. Below this, a secondary navigation bar shows 'Table of contents', 'Resources', 'Standards', 'eText', and 'Tools'. The 'Resources' section is highlighted in green. On the left, a sidebar contains filters for 'Grade' (3 (4419), 2 (68), 5 (34), 6 (1), K (880), 4 (218)), 'Teacher Only' (Yes (1388), No (3980)), 'Rubric' (No Rubric(s) (5346)), 'Media Type' (Selected Reading (372), eText (3), Interactive Media (762), Center (110), Lesson (120), Video (127), More), and 'Content Category' (Reference Material (3), informational text (1), Lesson (373), Activity/Exercise (2881), Assessment (471), Resources (238)). The main content area features a search box with the text 'Use the filters on the left or this search box to find the resources you need.' and a 'Find it' button. Below the search box, five resource cards are displayed, each with a PDF icon and a title: 'A85: Ways to Make 5', 'G6: Estimating Differences', 'H21: Comparing and Ordering Fractions', 'A33: Building Numbers to 999', and 'I21: Measuring Length to 1/2 and 1/4 Inch'. Each card also includes 'Assign', 'Add to Playlist', and 'Info' options.

The Resources tab is a great place to filter or search for **enVisionmath2.0** resources by category or keyword. Type a keyword in the box and explore the corresponding resources.

Standards

The screenshot displays the 'Standards' page for enVisionmath2.0 Grade 3 2017. At the top, there is a navigation bar with the 'realize.' logo and tabs for 'BROWSE', 'CLASSES', 'DATA', and 'MY LIBRARY'. Below this, the page title 'enVisionmath2.0 Grade 3 2017' is shown, along with a secondary navigation menu containing 'Table of contents', 'Resources', 'Standards', 'eText', and 'Tools'. The 'Standards' section is highlighted in green and contains a list of standards, each with a green arrow icon to its left:

- 3.OA Operations and Algebra
- 3.NC Numbers and Computation
- 3.MD Measurement and Data
- 3.G Geometry
- Math Practices

At the bottom of the page, there is a footer with the text: 'Copyright © or its affiliates. All Rights Reserved. User Agreement | Privacy Policy | Credits | rev. a47136b'.

Use the Standards option to search for materials by a specific standard. Use the arrows to expand the standards, and then click the name of the standard to see which **enVisionmath2.0** resources align to that standard.

eText

The screenshot shows the 'eText' tab selected in the navigation menu. The page title is 'enVisionmath2.0 Grade 3 2017'. Below the title are navigation links: 'Table of contents', 'Resources', 'Standards', 'eText', and 'Tools'. The 'eText' tab is highlighted in green. Below the tab, there are three eText options, each with a small image of a character and an 'Info' link:

- Student's Edition eText: Grade 3
- Interactive Student Edition: Grade 3
- Teacher's Edition eText: Grade 3

At the bottom of the page, there is a footer with copyright information: 'Copyright © or its affiliates. All Rights Reserved. User Agreement | Privacy Policy | Credits | rev. a47136b'.

You can find eTexts of both the Teacher's Edition and Student Edition on the Table of Contents, but you can also access them here in the eText tab. To open an eText, click its title.

Tools

The screenshot shows the 'realize' platform interface for 'enVisionmath2.0 Grade 3 2017'. The top navigation bar includes 'BROWSE', 'CLASSES', 'DATA', and 'MY LIBRARY'. Below this, a secondary navigation bar has 'Table of contents', 'Resources', 'Standards', 'eText', and 'Tools'. A red arrow points to the 'Tools' menu item, which is currently open. The 'Tools' dropdown menu lists the following items:

- Grade 3: ACTIVE-book Vol 1
- Grade 3: ACTIVE-book Vol 2
- Grade 3: Game Center
- Grade 3: Glossary
- Math Tools
- Grade 3: Accessible Student Edition

The main content area on the left shows a 'Table of Contents' with various resources like 'Online Teacher's Edition Program Overview: Grade 3', 'Professional Development Video Visual Learning 3-6', 'Online Placement Test', 'Math Practices Animations', and 'Topic 1: Understand Multiplication and Division of Whole Numbers'. On the right, there are sections for 'Create Content', 'Rearrange', 'My Content', and 'Teacher Resources'.

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 displays the enVisionmath2.0 Grade 3 2017 interface. At the top, there is a navigation bar with 'realize.' and 'BROWSE' highlighted, along with 'CLASSES', 'DATA', and 'MY LIBRARY'. Below this, the page title 'enVisionmath2.0 Grade 3 2017' is shown, followed by a 'Table of contents' menu with options for 'Resources', 'Standards', 'eText', and 'Tools'. The main content area is divided into two columns. The left column lists resources: 'Online Teacher's Edition Program Overview: Grade 3', 'Professional Development Video Visual Learning 3–6', 'Online Placement Test', 'Math Practices Animations', and three topic cards: 'Topic 1: Understand Multiplication and Division of Whole Numbers', 'Topic 2: Multiplication Facts: Use Patterns', and 'Topic 3: Apply Properties: Multiplication Facts for 3, 4, 6, 7, 8'. The right column, titled 'My Content', shows a 'Teacher Resources' dropdown menu with a list of items including '3/4-Year Practice Performance Task 1', '3/4-Year Practice Performance Task 1: Answer Key', '3/4-Year Practice Performance Task 2', '3/4-Year Practice Performance Task 2: Answer Key', 'Assessment Sourcebook', 'Basic-Facts Timed Tests', and 'End-of-Year Assessment'. Each item has 'Add to Playlist' and 'Info' options.

Let's take a look at the topic resources to help you plan and teach with **enVisionmath2.0**.

A great place to start is the Professional Development Video. Each video has tips from the authors about the key mathematical ideas of the topic.

Then, review the Today's Challenge problems. Notice that each day 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 to respond.

Next, explore the Begin Topic resources that help you engage students and activate prior knowledge. You'll find the Math and Science Project, Review What You Know, and Vocabulary Cards to assign or download.

Scroll down to see the End Topic resources to help your students review and practice what they've learned.

Quick Tip

The screenshot shows the Pearson Realize interface for enVisionmath2.0 Grade 3 2017. The main heading is "Topic 1: Understand Multiplication and Division of Whole Numbers". Below this, there are several resource cards: "Teacher's Edition eText: Grade 3 Topic 1", "Professional Development Video", "Topic 1: Today's Challenge", and "Begin Topic". On the right side, there is a "Teacher Resources" dropdown menu. The "Home-School Connection" resource is highlighted with a red box, and a red arrow points to it with the text "Click here!". At the bottom of the screenshot, a large red box contains the following text: "Make sure to download the Home-School Connection letters (available in English and Spanish) to send home to parents at the beginning of each topic. When you're done, click **Next**."

Make sure to download the Home-School Connection letters (available in English and Spanish) to send home to parents at the beginning of each topic.

Home-School Connection Letters

<p>Name _____</p> <div style="text-align: right; border: 1px solid black; padding: 2px; width: fit-content; margin-left: auto;">Home-School Connection Topic 1</div> <h3>Understand Multiplication and Division of Whole Numbers</h3> <p>Topic 1 Standards 3.OA.A.1, 3.OA.A.2, 3.OA.A.3, 3.OA.B.5 <i>See the front of the Student's Edition for complete standards.</i></p> <div style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> <p>Dear Family,</p> <p>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, $5 \times 2 = 10$.</p> <p>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.</p> <p>Do the activities below with your child to help him or her learn multiplication and division concepts and facts.</p> </div> <p>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.</p> <p>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.</p> <hr/> <p>Observe Your Child Focus on Mathematical Practice 8 Look for and express regularity in repeated reasoning. Help your child become proficient with Mathematical Practice 8. Ask your child to explain the relationship of the factors in multiplication to the number of equal groups and the number in each group.</p> <p style="text-align: right; font-size: small;">Copyright © Pearson Education, Inc., or its affiliates. All Rights Reserved. 4</p>	<p>Nombre _____</p> <div style="text-align: right; border: 1px solid black; padding: 2px; width: fit-content; margin-left: auto;">De la escuela al hogar (en español) Tema 1</div> <h3>Multiplicación y división de números enteros</h3> <p>Estándares del Tema 1 3.OA.A.1, 3.OA.A.2, 3.OA.A.3, 3.OA.B.5 <i>Los estándares completos se encuentran en las páginas preliminares del Libro del estudiante.</i></p> <div style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> <p>Estimada familia:</p> <p>Su niño(a) está aprendiendo a multiplicar. Ayúdelo a pensar en la multiplicación como la unión de grupos iguales. Por ejemplo, 5×2 es 5 grupos de 2. Por tanto, $5 \times 2 = 10$.</p> <p>Su niño(a) también está aprendiendo a dividir. Ayúdelo(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.</p> <p>Haga con su niño(a) las actividades de abajo para ayudarlo(a) a aprender los conceptos y las operaciones de multiplicación y división.</p> </div> <p>Cuentos sobre multiplicación Dé a su niño(a) un problema de multiplicación, como 4×3. Pida a su niño(a) que le cuente un cuento sobre multiplicación para esa ecuación. 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.</p> <p>Cuentos sobre división Dé a su niño(a) un problema de división, como $32 \div 8$. Pida a su niño(a) que le cuente un cuento sobre división para esa ecuación. 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.</p> <hr/> <p>Observe a su niño(a) Enfoque en la Práctica matemática 8 Buscar y expresar uniformidad en los razonamientos repetidos. Ayude a su niño(a) a adquirir competencia en la Práctica matemática 8. Pida 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.</p> <p style="text-align: right; font-size: small;">Copyright © Pearson Education, Inc., or its affiliates. All Rights Reserved. 4</p>
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Teaching a Lesson

You might be wondering how you'll use Savvas Realize while planning for and teaching a lesson.

To help you plan, watch the Listen and Look For video. These videos have information about the essential understandings of each lesson.

After the Today's Challenge, start the lesson with a 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 and discuss their ideas. When the video pauses automatically, engage your students in mathematical discourse to help them build conceptual understanding.

Use the Show Me! or Convince Me! to give your students more practice with the lesson concepts in a problem-solving context.

Depending on the grade level, assign additional practice using the Student Edition, Practice PDF, Practice Buddy, or Adaptive Homework & Practice powered by Knewton®.

Knewton® is a registered trademark.

Wrap up your lesson using the Quick Check to gather formative assessment data, and then use a variety of resources to differentiate with small groups. There are centers, games, videos, and activities to address the needs of the range of learners in your classroom.


Quick Tip

The screenshot shows the 'realize.' interface for 'enVisionmath2.0 Grade 3 2017'. The main heading is '1-1: Multiplication as Repeated Addition'. Below this, there are four resource cards for 'Grade 3 Lesson 1-1': 'Teacher's Edition eText', 'Student's Edition eText', 'Interactive Student Edition', and 'Student's Edition ACTIVE-book'. To the right of these cards is a 'Teacher Resources' dropdown menu. The 'Lesson Plan' option is highlighted with a red box. A red arrow points to this option with the text 'Click here!'. At the bottom of the screenshot, a red box contains the following text: 'You can download a lesson plan for each lesson from the Teacher Resources menu. Each lesson plan contains all the key planning information and where to find each piece. When you're done, click **Next**.'

You can download a lesson plan for each lesson from the Teacher Resources menu. Each lesson plan contains all the key planning information and where to find each piece.

Lesson Plan

LESSON PLAN GRADE 3			1-1 Multiplication as Repeated Addition		LESSON PLAN GRADE 3																						
1-1 Multiplication as Repeated Addition																											
OBJECTIVE	VOCABULARY	MATERIALS																									
Use repeated addition to show the relationship between multiplication and addition.	Equal groups, Multiplication, Factors, Product, Equation, Unknown	Two-color counters (or Teaching Tool 9)																									
ESSENTIAL UNDERSTANDING	ELL																										
Some real-world problems that involve joining or separating equal groups or making comparisons can be solved using multiplication. Repeated addition that involves joining equal groups is one way to think about multiplication.	Reading: Use visual support to develop background knowledge.																										
STANDARDS																											
3.OA.A.1 Interpret products of whole numbers, e.g., interpret 5×7 as the total number of objects in 5 groups of 7 objects each. For example, describe a context in which a total number of objects can be expressed as 5×7 . Also 3.OA.A.3. Mathematical Practices MP.1, MP.2, MP.3, MP.4, MP.6																											
MATH ANYTIME	FIND IT HERE																										
Daily Common Core Review	Online at PearsonRealize.com Teacher's Edition																										
Today's Challenge	Online at PearsonRealize.com Today's Challenge Teacher's Guide																										
DEVELOP PROBLEM-BASED LEARNING	FIND IT HERE																										
Solve and Share	Online at PearsonRealize.com Student's Edition Teacher's Edition																										
DEVELOP VISUAL LEARNING	FIND IT HERE																										
Visual Learning Bridge	Student's Edition Teacher's Edition																										
Visual Learning Animation Plus	Online at PearsonRealize.com																										
Convince Me!	Online at PearsonRealize.com Student's Edition Teacher's Edition																										
			<table border="1"> <tr> <td>Guided & Independent Practice</td> <td>Online at PearsonRealize.com Student's Edition Teacher's Edition</td> </tr> <tr> <td>Practice Buddy: Independent Practice; Math Practices and PS</td> <td>Online at PearsonRealize.com</td> </tr> <tr> <td colspan="2">ACCESS AND DIFFERENTIATE</td> </tr> <tr> <td>Quick Check</td> <td>Online at PearsonRealize.com Teacher's Edition</td> </tr> <tr> <td>Intervention Activity</td> <td>Teacher's Edition</td> </tr> <tr> <td>Another Look Homework Video</td> <td>Online at PearsonRealize.com</td> </tr> <tr> <td>Reteach to Build Understanding</td> <td>Online at PearsonRealize.com Teacher's Edition</td> </tr> <tr> <td>Leveled Homework & Practice</td> <td>Online at PearsonRealize.com Student's Edition Teacher's Edition</td> </tr> <tr> <td>Practice Buddy: Homework & Practice</td> <td>Online at PearsonRealize.com</td> </tr> <tr> <td>Center Games</td> <td>Online at PearsonRealize.com Teacher's Edition</td> </tr> <tr> <td>Game: Power House - Equal Groups to 25</td> <td>Online at PearsonRealize.com</td> </tr> </table>			Guided & Independent Practice	Online at PearsonRealize.com Student's Edition Teacher's Edition	Practice Buddy: Independent Practice; Math Practices and PS	Online at PearsonRealize.com	ACCESS AND DIFFERENTIATE		Quick Check	Online at PearsonRealize.com Teacher's Edition	Intervention Activity	Teacher's Edition	Another Look Homework Video	Online at PearsonRealize.com	Reteach to Build Understanding	Online at PearsonRealize.com Teacher's Edition	Leveled Homework & Practice	Online at PearsonRealize.com Student's Edition Teacher's Edition	Practice Buddy: Homework & Practice	Online at PearsonRealize.com	Center Games	Online at PearsonRealize.com Teacher's Edition	Game: Power House - Equal Groups to 25	Online at PearsonRealize.com
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Closing



enVisionmath^{2.0}
SCOTT FORESMAN • ADDISON WESLEY

- Enhance instruction
- Engage students
- Save time

my **SAVVAS** Training

Thanks for exploring enVisionmath2.0 digital resources today!

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

Check out [MyPearsonTraining.com](https://www.pearsontraining.com) for more information about enVisionmath2.0 and Savvas Realize!