



Kids See the Math. Teachers See Results.

enVision[®] Florida
MATHEMATICS

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Pearson Realize™ is the online learning management system for **enVision Florida Mathematics**. A full suite of personalized teaching and learning tools helps you teach Florida Mathematics Standards (MAFS), assess in the format of Florida Standards Assessment (FSA), and manage student data.

Guided Tour

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1

Go Digital

This groundbreaking digital experience provides anytime interactive learning, both online and offline.

2

Experience Math

Multimedia and interactive content help explain and reinforce complex mathematical concepts.

3

Work with Ease

Quickly find and assign standards-based content to individual students, small groups, or the whole class.

4

Personalize Instruction

Flexible resources help you effectively and efficiently meet the needs of all students.

Kids See the Math. Teachers See Results.

Made for Blended, Fully Digital
Classrooms, or 1:1 Learning



Engaged & Personalized Learning

enVision Florida allows students to easily access lesson content, videos, games, and interactive tools—online or offline.



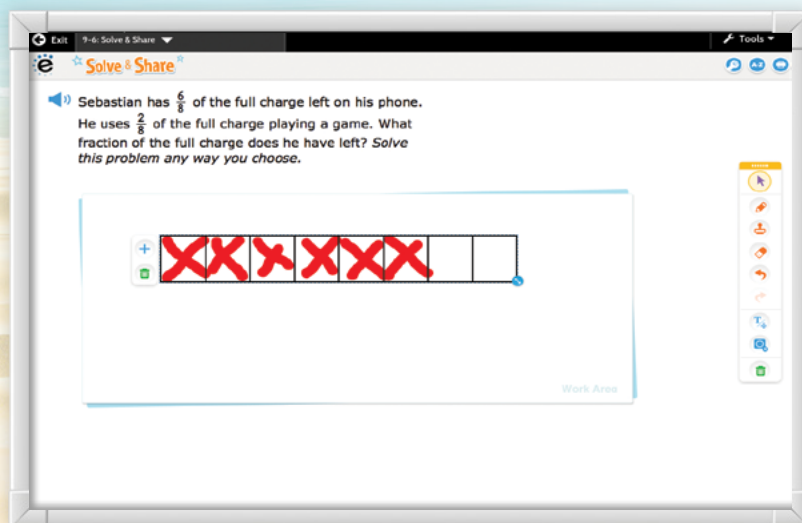
Interactive Student Edition

- Provides students with both **online and offline** access to program materials.
- Includes **embedded interactive activities**.
- Allows students to **respond** to probing questions throughout the lesson and submit completed assignments to the teacher.
- Available on a wide array of devices.



Solve & Share Problem-Based Learning

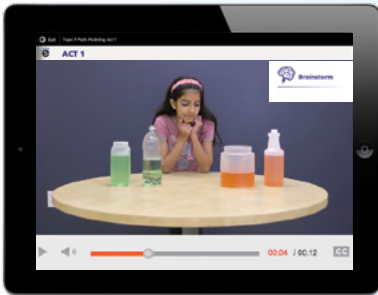
All lessons at all grade levels begin with the Solve & Share, a true problem-based learning activity. An interactive workspace with DrawPad tools engages students in building a solid foundation for conceptual understanding.



3-Act Math

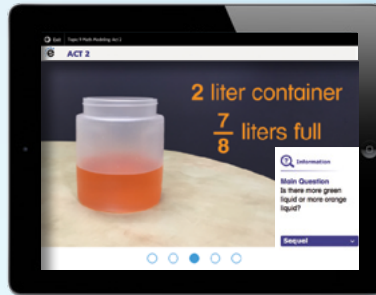
These high-interest, low-entry tasks develop students' conceptual understanding, procedural fluency, and adaptive reasoning as they test out different models and conjectures.

ACT 1: THE HOOK



An engaging video introduces the question and gets students talking.

ACT 2: MODEL WITH MATH



Students determine what resources they need and develop a solution to answer the question.

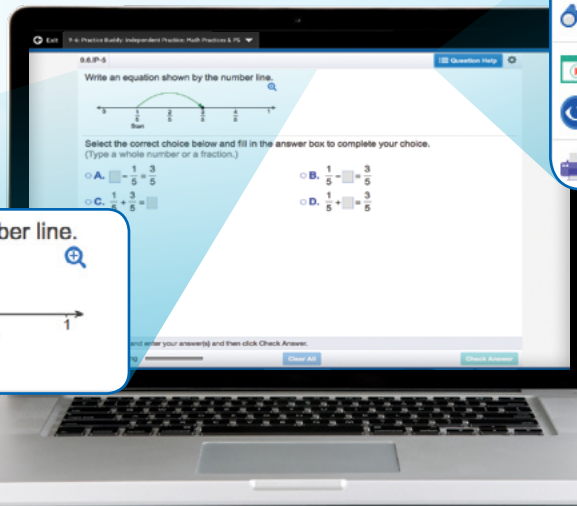
ACT 3: THE SOLUTION



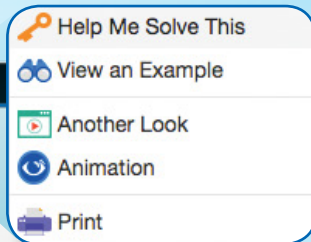
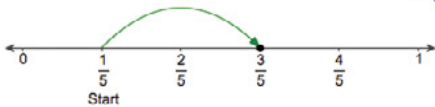
The final video reveals a possible answer and students analyze the results.



Access videos through your mobile device with the FREE **BouncePages** app.



Write an equation shown by the number line.



Practice Buddy MathXL for Schools

Mathematics Made Accessible

- **Interactive Practice Buddy (Grades K-2)** provides online, auto-scored interactive practice.
- **Practice Buddy MathXL® for School (Grades 3-5)** embedded, auto-scored assignments provide instant feedback with learning aids that act as a personal tutor.
- **Adaptive Practice Powered by Knewton** delivers just-right math content to each student—both practice and instruction—in real time.
- **Visual Learning Animation Plus** videos make math ideas explicit from the Solve & Share.
- **Another Look Homework Videos** for every lesson provide students with a step-by-step problem walkthrough.

Manageable & Flexible Teaching

Easy-to-Implement 3-Step Lesson Design

Classroom tested and teacher approved, lessons support conceptual understanding, procedural fluency, and application.

STEP 1

Problem-based Learning

STEP 2

Visual Learning

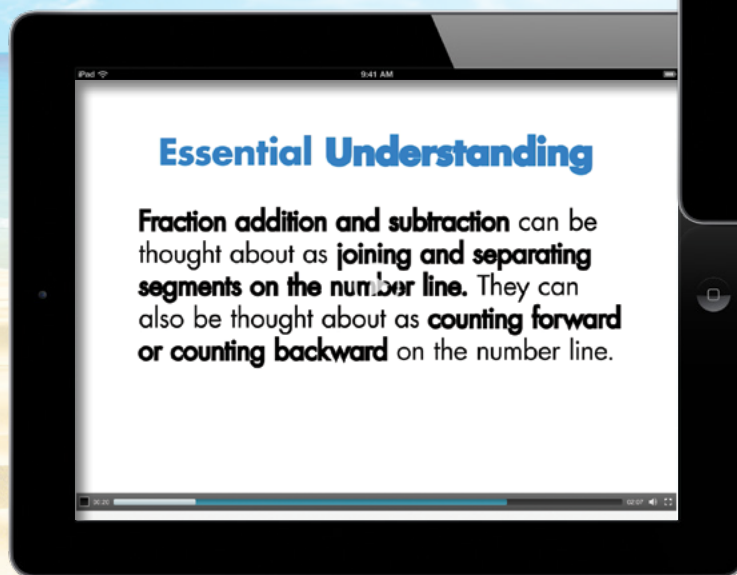
STEP 3

Assess and Differentiate

Teacher Support

Listen & Look For professional development videos at the beginning of lessons demonstrate expected student outcomes.

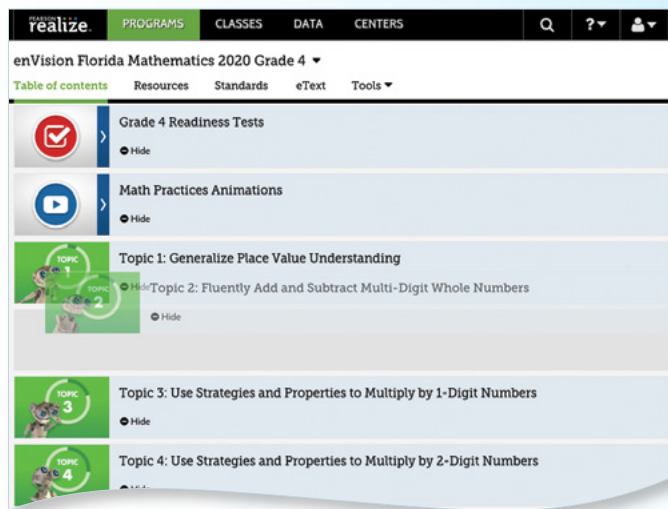
Professional Development Topic Videos offer quick, focused author perspectives as you start topic planning.



enVision Florida makes it easy to customize the curriculum and make data-driven decisions. The Realize online management system offers flexibility in planning, teaching, and progress monitoring. All materials are at your fingertips on one single platform.

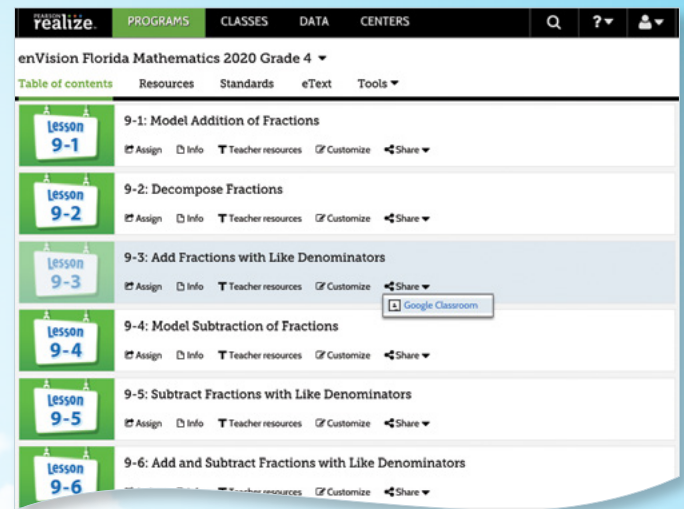
From Fixed to Flexible

Grade-Level Table of Contents is fully flexible and can be reorganized. Reorder topics and lessons to meet your own district sequence and curriculum guide.



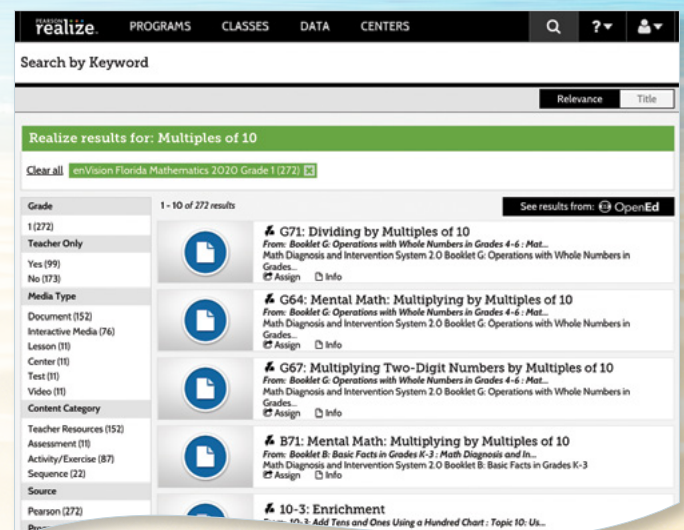
Upload Your Favorite Content

Add content and links directly to the table of contents. Share Realize content with Google Classroom.



Easy to Search and Find

Search by keyword, MAFS or Access Point. Find lessons, videos, activities, and assessments.

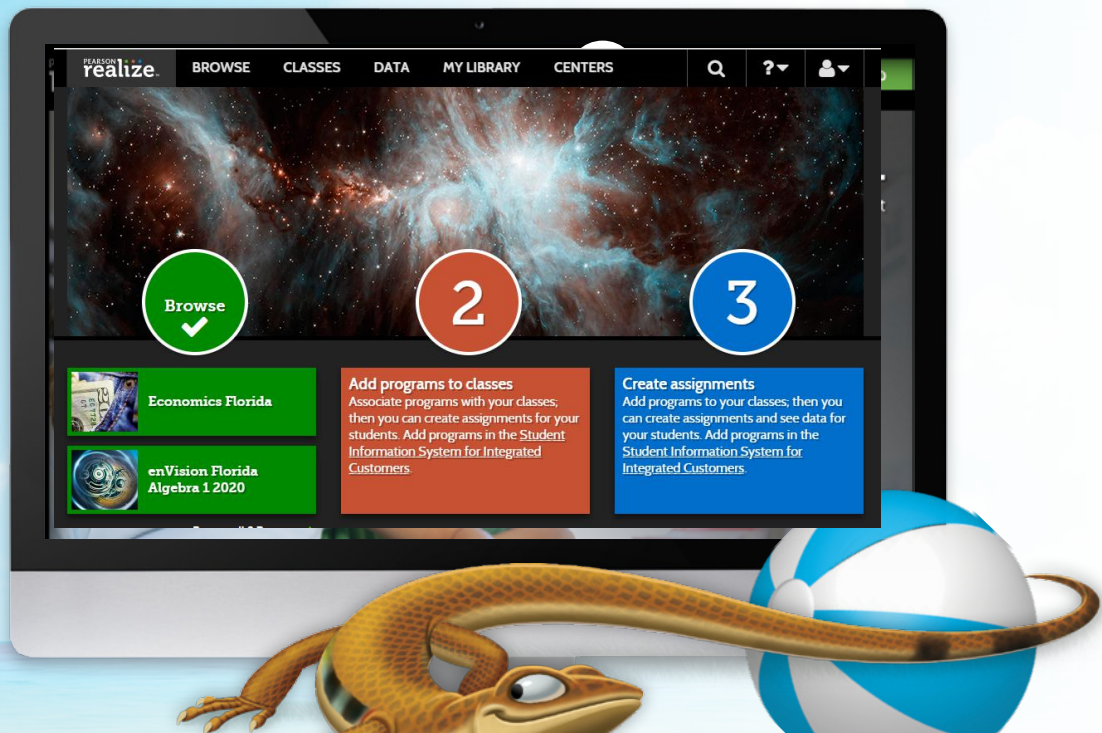


LOGGING ON

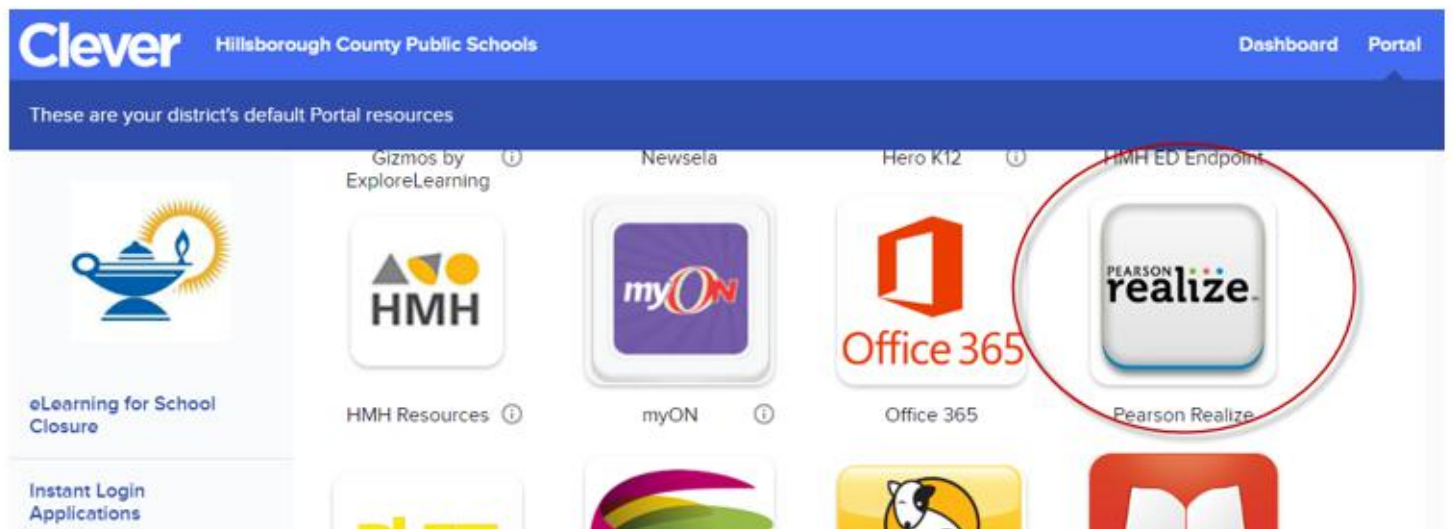
Try enVision Florida online!

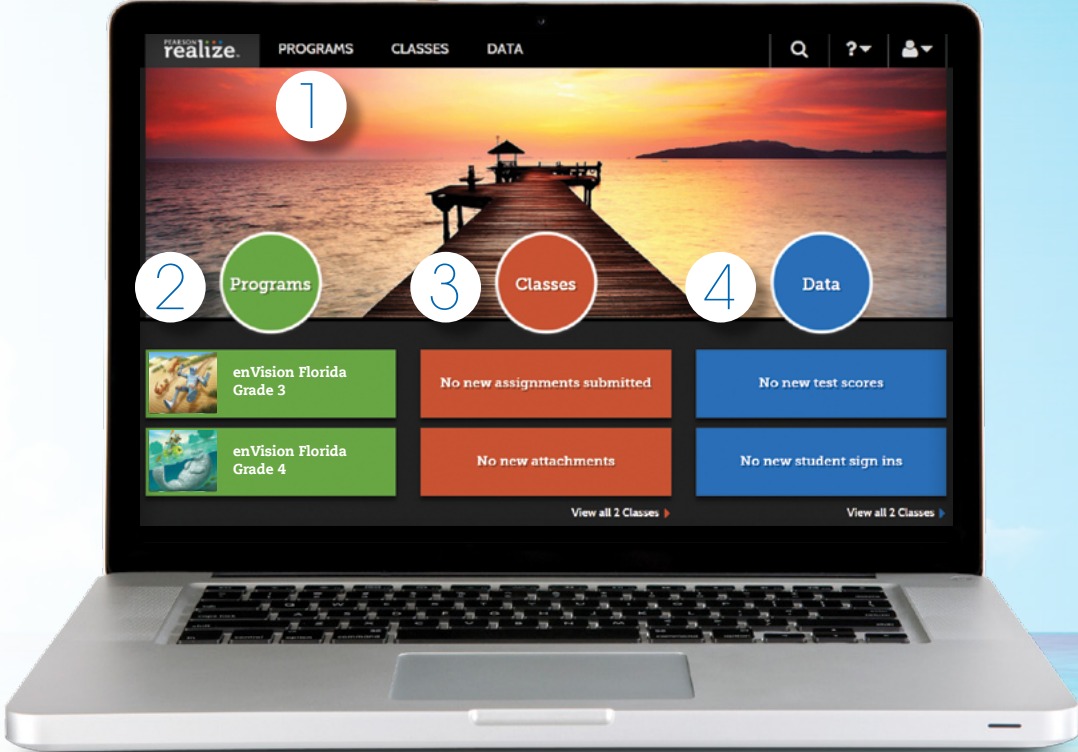
Sign in to **Pearson Realize™**

All English and Spanish assets are provided in one course on
Teachers should access Pearson Realize by logging in to Clever



Teachers should access Pearson Realize by logging in to Clever





1

Click on the **Programs** tab.

2

Select **enVision Florida**. If you need help, visit myPearsonTraining.com.

3

Manage your **Classes**, assignments, and reports at a glance.

4

View in-depth and real-time reporting in the **Data** section.

TABLE OF CONTENTS

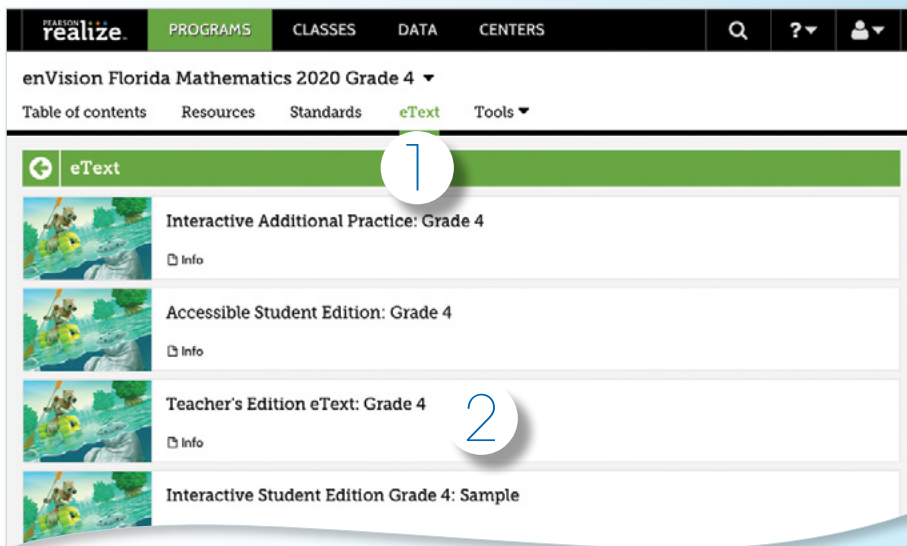
The screenshot shows the Pearson Realize interface for enVision Florida Mathematics 2020 Grade 4. At the top, there is a navigation bar with 'PROGRAMS', 'CLASSES', 'DATA', and 'CENTERS'. Below this is a search bar and a user profile icon. The main content area displays a grid of resources, including 'Teacher's Edition eText: Grade 4', 'Online Teacher's Edition Program Overview: Grade 4', 'Professional Development Video Visual Learning 3-6', 'Online Readiness Test', and 'Math Practices Animations'. The interface also features a 'Table of Contents' sidebar and a 'Thumbnail view' button.

1. Keyword **Search** makes finding additional content easy.
2. Sort and search lessons by **MAFS or Access Points**.
3. Access your student and teacher **eTexts** from the links at the top of the page.

4. Select **Tools** to view additional resources including online manipulatives and a Spanish/English glossary.
5. Select **Rearrange** to customize the sequence of the curriculum.

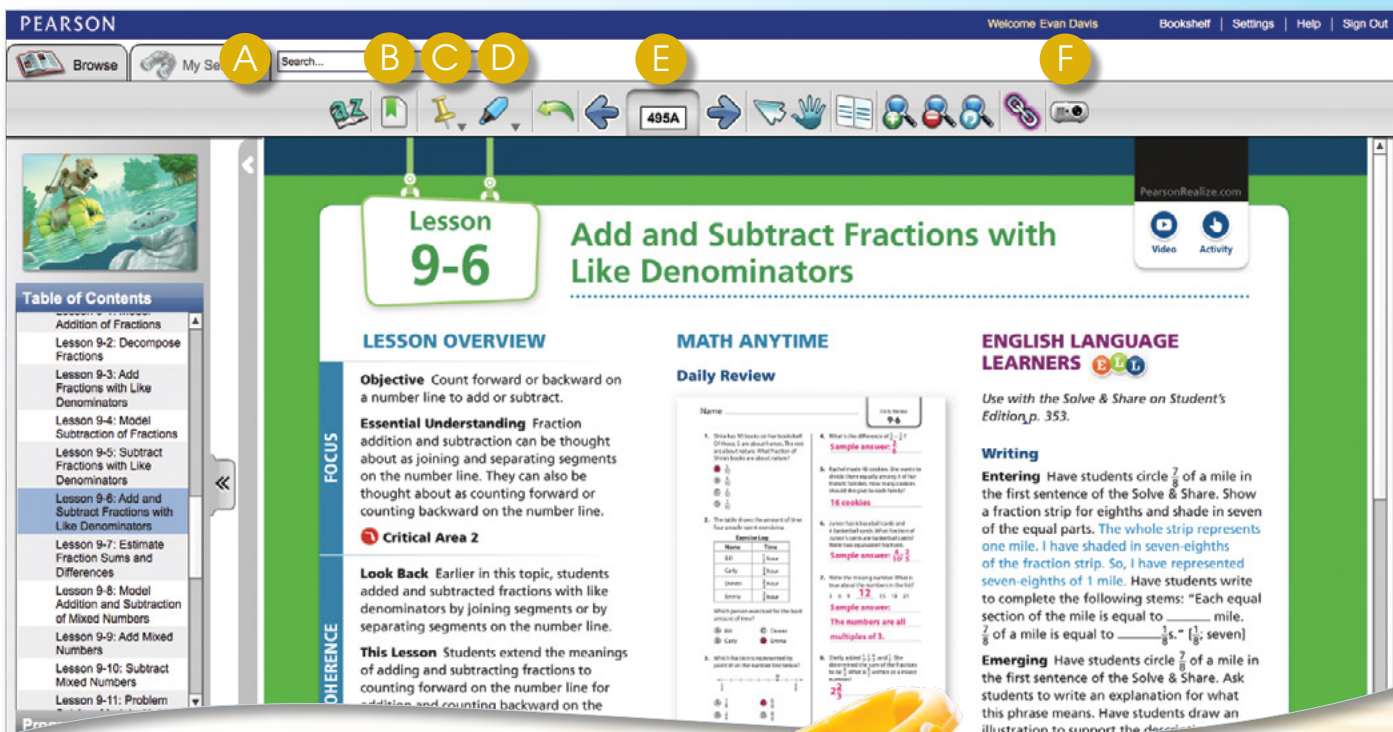
6. Select **My Content** to upload, embed, or edit your own content.
7. Select **Show Teacher Resources** to open the side panel with additional teacher resources.
8. Select **Create Content** to upload a file, add a link, or build a test.

NOTE: The Table of Contents is seen here in Thumbnail View. A List View option is also available.



eTexts for ALL STUDENTS include Interactive Student Edition, Interactive Additional Practice Workbook, Accessible Student Edition, and Spanish Student Edition.

1. To review the array of eTexts, click **eText** on top of the page.
2. Click **Teacher's Edition**.



- A. Search by Keyword
- B. Set Bookmarks
- C. Select Note Tool
- D. Add Highlights
- E. Search by Page Number
- F. Access Whiteboard View

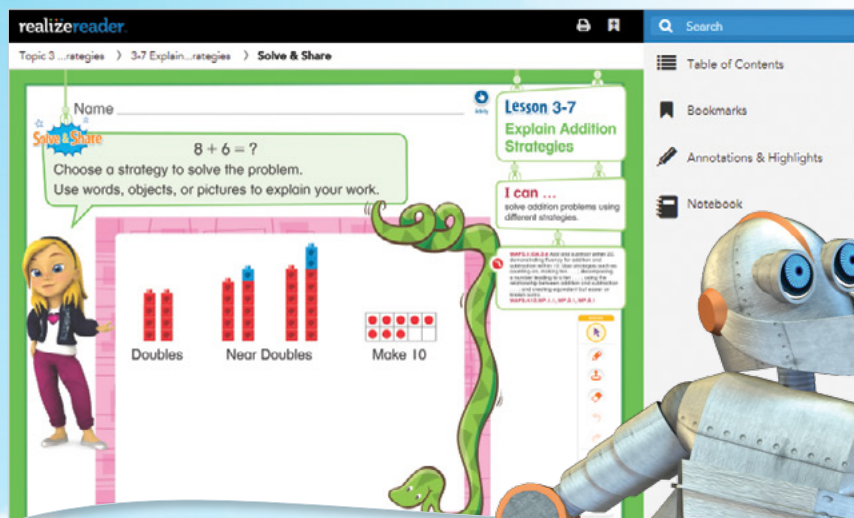


INTERACTIVE STUDENT EDITION: REALIZE READER



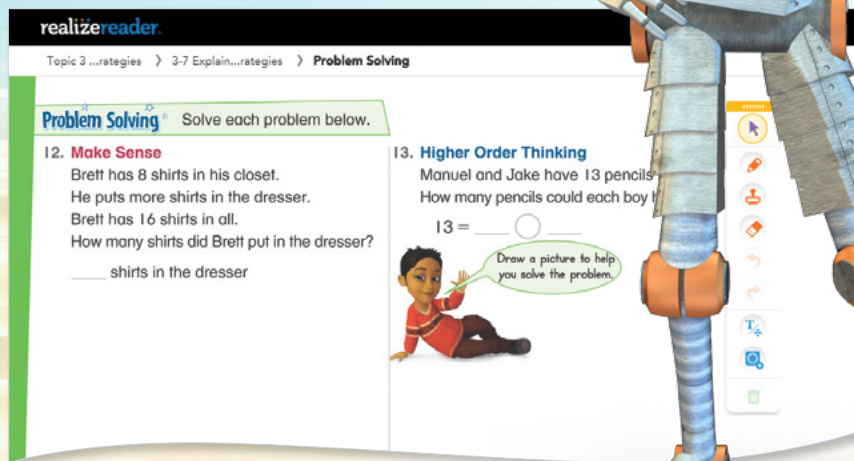
1. Select a Grade and click Interactive Student Edition. Select Topic.

- To view lesson content, select Topic Overview.
- Select Lesson.
- Click on Next to turn to the next page.
- DrawPad digital tools are provided on every page for students to show their work and thinking.
- Students can add notes and respond to questions within the integrated notebook.
- Students can complete assignments and submit to the teacher for review and grading. The teacher can comment to students about an assignment.
- Online and offline access.



2. Page through the Student Edition to see all of the resources that are embedded at point of use, including:

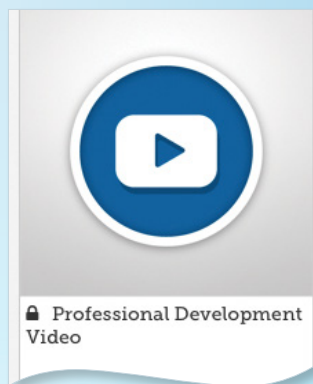
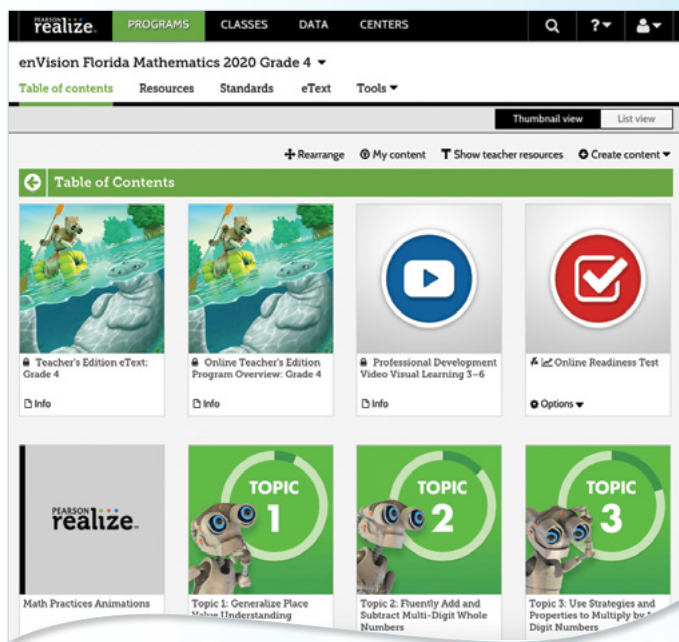
- Integrated notebook to respond to Habits of Mind questions
- Annotations and highlighting
- Bookmarks
- Additional math tools
- English/Spanish glossary



3. Click Exit in upper left of Interactive Student Edition to return to the Grade Table of Contents.

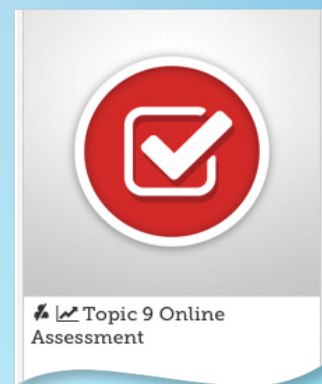
Review Topic Table of Contents

Select any Topic of your choice.
Have fun exploring all the interactive resources at your fingertips.



Professional Development Videos

The **enVision Florida** authorship team gives helpful perspective on important mathematical concepts and skills in the topic.



Assessments

Save time with the ready-to-use diagnostic, formative, and summative assessments.

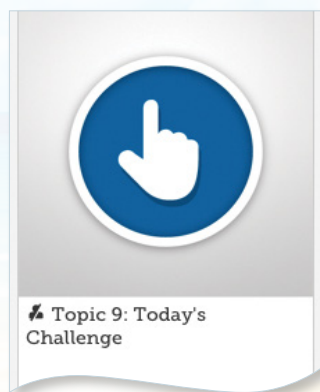
Topic, Cumulative/Benchmark, and Progress-Monitoring assessments effectively assess the MAFS, align to the FSA Test Item Specifications, and adhere to the Florida Content Complexity expectations (DOK).

Also, build your own assignment or assessment using thousands of items, including next generation assessment tasks.



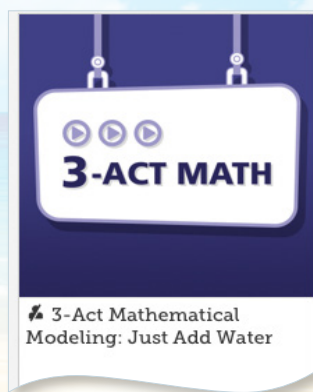
Animated Math Story (Grades K-2)

Available online with accompanying blackline masters, these stories introduce math concepts for each topic.



Today's Challenge

This multi-day activity offers increasingly rigorous math problems referring to the same data set, building student perseverance.



Mathematical Modeling in 3 Acts

Make math relevant and help students "think mathematically" with three-act tasks.

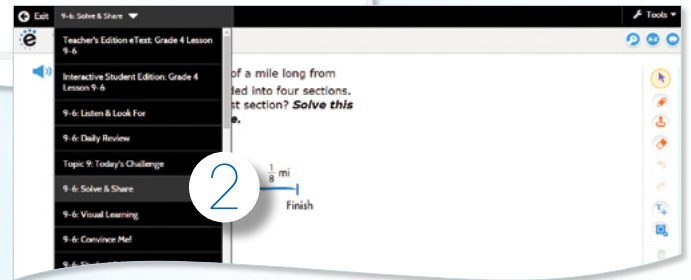
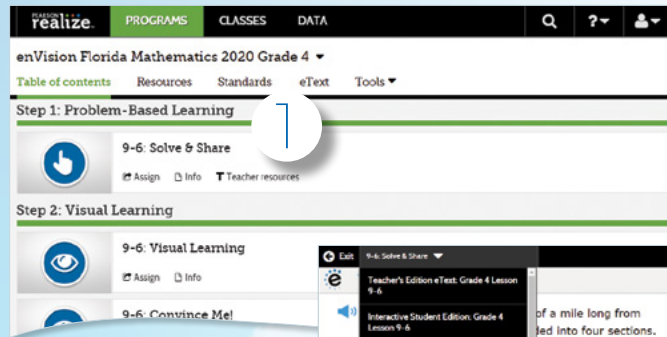
LESSON NAVIGATION

From the Topic Table of Contents, select a lesson.

Step 1

Problem-Based Learning

1. Each lesson begins with a Solve & Share interactive activity to engage students and build a solid foundation for conceptual understanding.
2. Click on Visual Learning from the drop-down menu. Navigate easily within a lesson.



Mary rides her bike $\frac{2}{10}$ mile to pick up her friend Marcy for soccer practice. Together, they ride $\frac{5}{10}$ mile to the soccer field. What is the distance from Mary's house to the soccer field?

Mary's house Marcy's house Soccer field

Step 2

Visual Learning

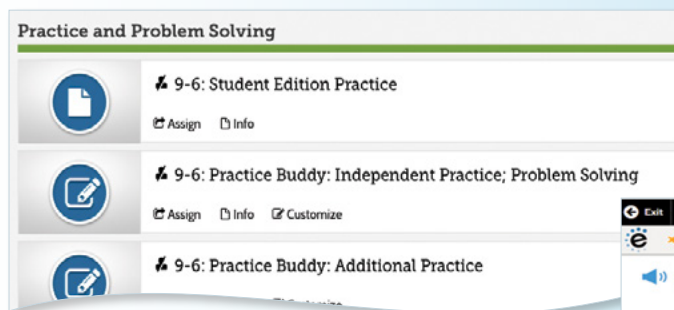
1. The **Visual Learning Animation Plus** interactive video makes the mathematics explicit with a step-by-step representation of the lesson concept.
2. **Convince Me! (1-5)** provides students with an opportunity to show how they can engage the same math practice to solve a problem related to the one in the Visual Learning Animation. You can use this feature to check for students' understanding of the math practice.

Convince Me!

Use the number line shown to find $\frac{3}{8} + \frac{2}{8}$. Can you also use the number line to find $\frac{3}{8} - \frac{2}{8}$? Explain.

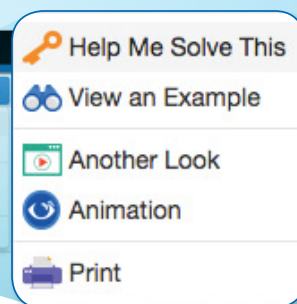
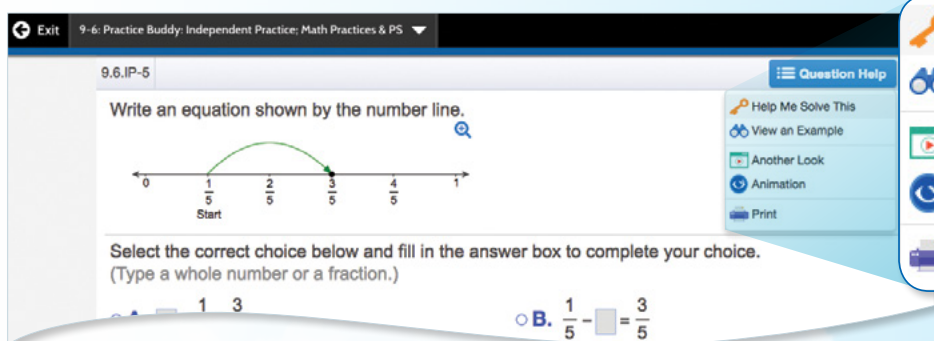
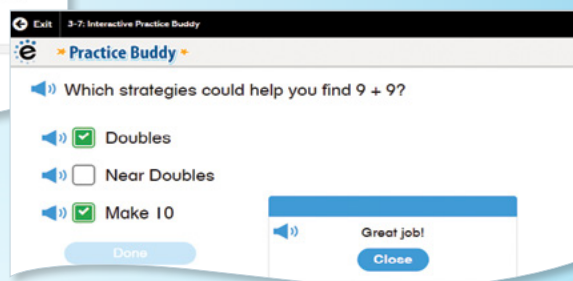


Practice and Problem Solving



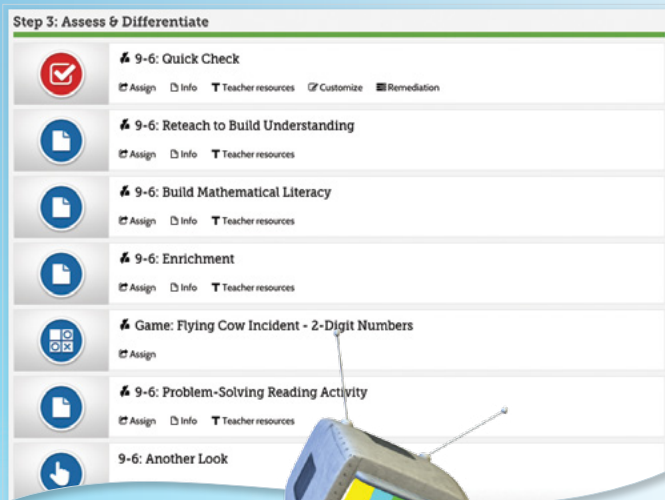
Explore these options!
Don't forget the drop-down menu in the upper left for easy navigation.

Easily assign a variety of practice and problem-solving activities in different modalities to personalize learning for each student.



1. **Interactive Practice Buddy**, Grades K-2, provides interactive, auto-scored practice with instant feedback.
2. **Practice Buddy MathXL**®, Grades 3-5, supports a growth mindset by empowering students to choose the learning aids they need to work through the problem successfully. Activities are auto-scored.
 - A. **Help Me Solve This** requires student interaction on each step. Once the initial problem is complete, it algorithmically recalculates a new problem.
 - B. **View an Example** walks through the steps of a similar problem.
 - C. **Another Look** videos provide a refresh of the lesson concept.
 - D. Students can view the **Visual Learning Animation Plus** any time during the problem.
3. **Adaptive Practice**, Grades 3-5:
 - Delivers just-right math content to each student as they practice.
 - Remediation occurs for the skills being taught that day. Pinpoints the right grade-level and prerequisite skill.
 - Delivers both instruction and practice automatically in real time.
 - No need to go to an outside web site or additional resources.





A variety of engaging differentiation options in each lesson encourages and challenges students of all learning levels.

Step 3

Assess & Differentiate

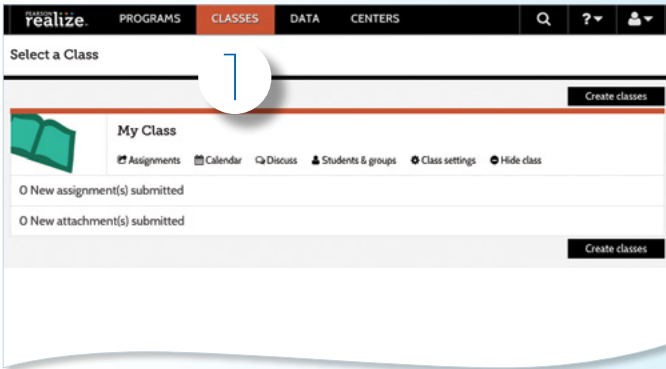
1. **Quick Check** provides 5 items on the lesson content in a variety of formats, including technology-enhanced items. Auto-scores and auto-prescribes remediation and enrichment.
2. Each lesson offers a rotation of center activities that include:
 - A. **Pick a Project** At the start of a topic, students choose a project from among 3 or 4 high-interest, multi-part tasks where students apply math concepts. Self-selected learning.
 - B. **Problem-Solving** Leveled Reading Mat activity applies math understanding in a real-world context from DK books. Includes on-level text on one side and below-level text on the other side.
 - C. **enVisionSTEM Activity** helps students make connections across topics, courses, and content areas, applying math to new, real-world situations. Aligned to Florida science standards.
3. **Math Tools or Math Games** reinforce concepts, critical thinking, and application.
- 4 **Another Look Homework Video** presents an example as a lesson refresh.

Additional lesson differentiation resources include: **Intervention Activity**, **Reteach to Build Understanding**, **Build Math Literacy**, and **Enrichment**.

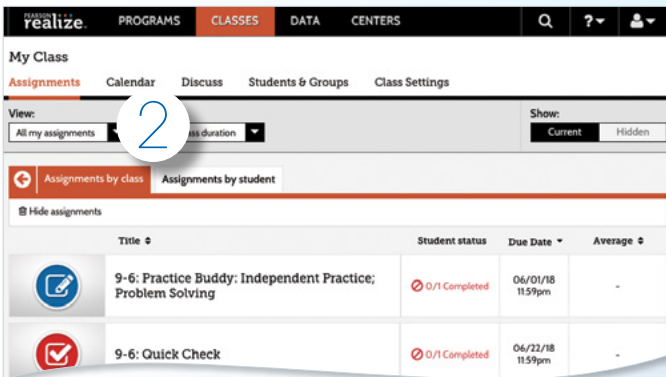


Manage Assignments and Classes

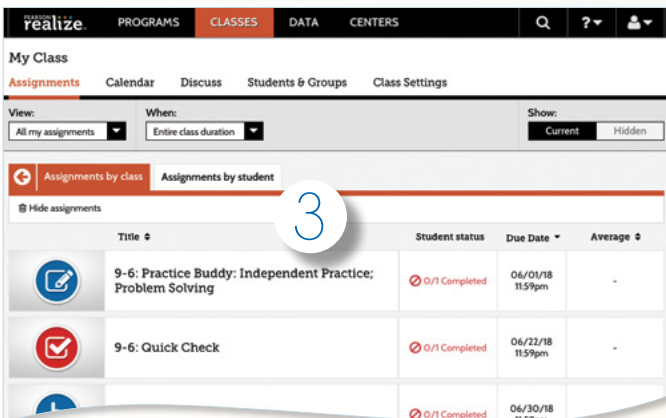
1. Click **Classes** to manage options.



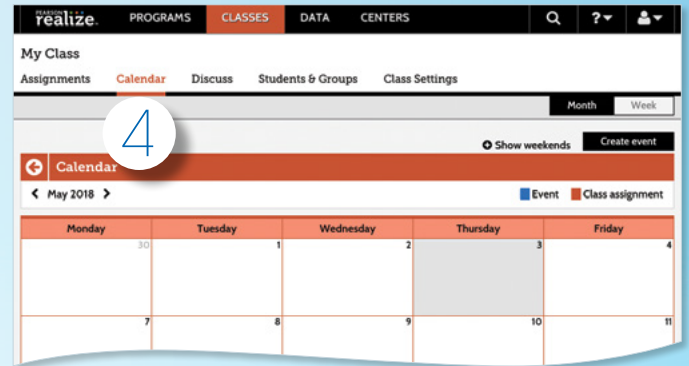
2. While in the Classes tab, select **Assignments** to view by class or student.



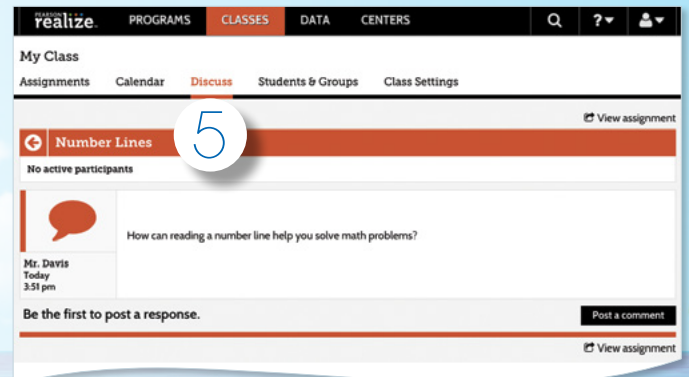
3. Teachers can **make edits** to the assignment and preview.



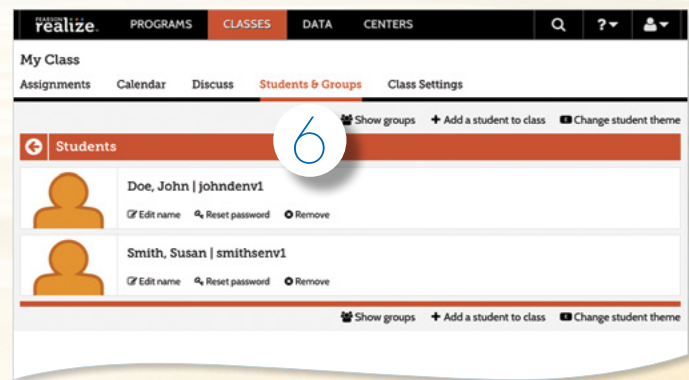
4. Click **Calendar** to view all class assignments by week or month.



5. Click **Discuss** to create a prompt for a class discussion.



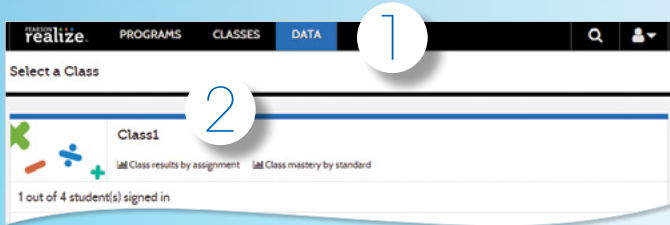
6. Click **Students & Groups** to view student information, create/edit class groups, and view assignments



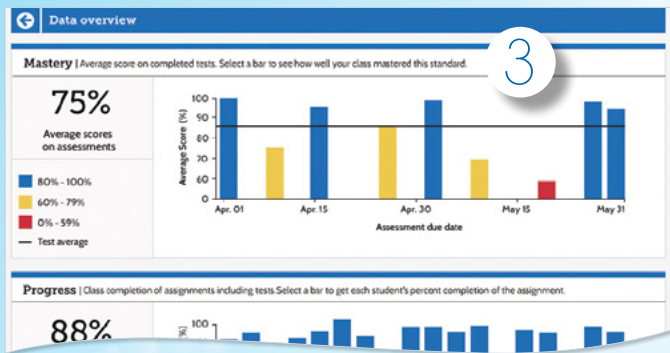
STUDENT DATA

Instantly Track, Record, and Analyze Data

1. Click on **Data** to view student data based on assigned work.



2. Click on **Class Name** to view assessment items and monitor scores.



3. Click on a bar in the Mastery section.

Name	Score	S1	S2	S3	S4
Anderson, Chris	100% (5/5)	5/5	1/1	1/1	2/2
Brown, Tiana	100% (5/5)	5/5	1/1	1/1	2/2
Buzzy, Anita	60% (3/5)	3/5	1/1	1/1	2/2
Hernandez, Mariana	-	-	-	-	-
Jones, Josiah	100% (5/5)	5/5	1/1	1/1	2/2
Maalouf, Hassan	80% (4/5)	4/5	1/1	1/1	2/2

4. View **Mastery Analysis** for in-depth information about MAFS coverage and mastery for an assignment.



5. Click on **Item Analysis** to view class overall or individual answer choices and performance.

Question	Max Points	# of Students Correct	# of Students Incorrect	# of Students Partial
Question 1	1	11	1	0
Question 2	1	10	2	0

6. Click on a standard and then **View Resources** to see additional MAFS-aligned resources available to assign for follow-up.

Name	Score	S1	S2	S3	S4
Anderson, Chris	100% (5/5)	5/5	1/1	1/1	2/2
Brown, Tiana	100% (5/5)	5/5	1/1	1/1	2/2
Buzzy, Anita	60% (3/5)	3/5	1/1	1/1	2/2
Hernandez, Mariana	-	-	-	-	-
Jones, Josiah	100% (5/5)	5/5	1/1	1/1	2/2
Maalouf, Hassan	80% (4/5)	4/5	1/1	1/1	1/2