

Classroom Mathematics
California

Student Digital Experience Walkthrough



by  i-Ready

GRADES
6-8

Boost Student Engagement and Understanding

The Student Digital Experience includes a wealth of interactive tools and games that encourage exploration and develop conceptual understanding.

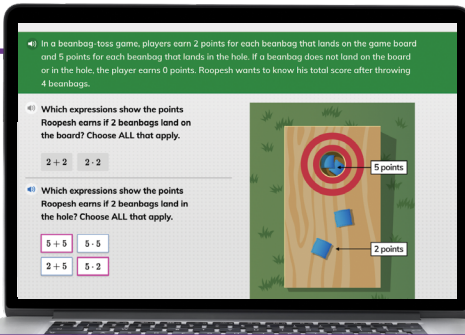
All student resources are accessed directly from the online student dashboard on i-ReadyConnect.com, making it easy for students to move from one resource to another.

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This guide will walk you through how to access the materials contained in this easy-to-use platform.

Don't Miss These Engaging Resources



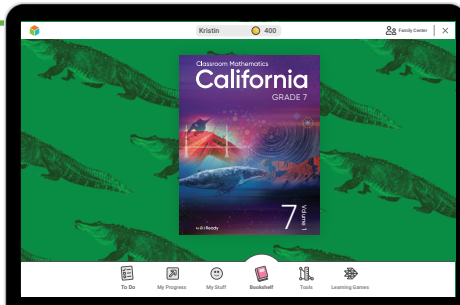
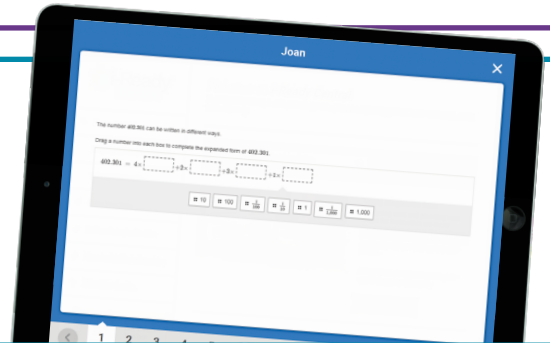
Interactive Practice with Technology-Enhanced Items
Teachers can assign digital Interactive Practice to help students build understanding and fluency through the use of technology-enhanced items.

Page 6

Comprehension Checks

Teachers can assign digital Comprehension Checks to assess student understanding of the concepts in each lesson and unit.

Page 6



Student Bookshelf

The Student Bookshelf offers online access to the print Student Worktext along with many additional digital features that make it easy to navigate and personalize.

Page 8

Digital Math Tools Powered by Desmos

Online graphing and scientific calculators, as well as geometry tools, help students explore concepts and deepen understanding.

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Learning Games

Interactive Learning Games help students gain a rich conceptual understanding of mathematics concepts, improve fluency, and develop a positive relationship to challenge.

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Navigating the Student Dashboard

Once students log in, they will see their student dashboard, which provides easy access to all *Classroom Mathematics California* digital student resources.

The dashboard is displayed on a tablet screen. At the top, there is a navigation bar with 'Reading' and 'Math' tabs, the user's name 'Kristin', a gold coin icon with '400', and a 'Family Center' link. The main content area is divided into two sections: 'Teacher Assigned' and 'My Path'. The 'Teacher Assigned' section has a toggle for 'Current' (selected) and 'Past Due' assignments. It lists three items: 'Practice' due 11/15/24 'Analyze Two-Variable Relationships' (In Progress), 'Practice' due 1/2/25 'Understand Solutions of Equations', and 'Check' due 1/15/25 'Work with Algebraic Expressions'. The 'My Path' section features a 'Math Diagnostic' card. At the bottom is a navigation bar with icons and labels: 'To Do', 'My Progress', 'My Stuff', 'Bookshelf', 'Tools', and 'Learning Games'. Callout boxes provide details for each of these sections and the bottom navigation items.

See all **Teacher-Assigned Interactive Practice and Comprehension Checks.**

Toggle between **Current and **Past Due** assignments.**

If system-driven items are available, such as the Diagnostic assessment or Personalized Instruction* lessons, students can access them in the **My Path section.**

Family Center: Access resources and support for families.

Teacher Assigned

- Practice** Due 11/15/24
Analyze Two-Variable Relationships
In Progress
- Practice** Due 1/2/25
Understand Solutions of Equations
- Check** Due 1/15/25
Work with Algebraic Expressions

My Path

Math Diagnostic

To Do **My Progress** **My Stuff** **Bookshelf** **Tools** **Learning Games**

To Do: Access all assignments.

My Progress: Self-monitor progress.

Bookshelf: Open Student Bookshelf to access the digital Student Worktext and Family Resources.

Tools: Use Digital Math Tools powered by Desmos to explore mathematical concepts.

Learning Games: Find playful practice to build understanding and fluency.

*Personalized Instruction is an optional add-on.



To Do: Access all assignments.



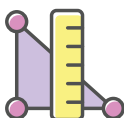
My Progress: Self-monitor progress.



My Stuff: Adjust settings, such as background theme.



Bookshelf: Open Student Bookshelf to access the digital Student Worktext and Family Resources.

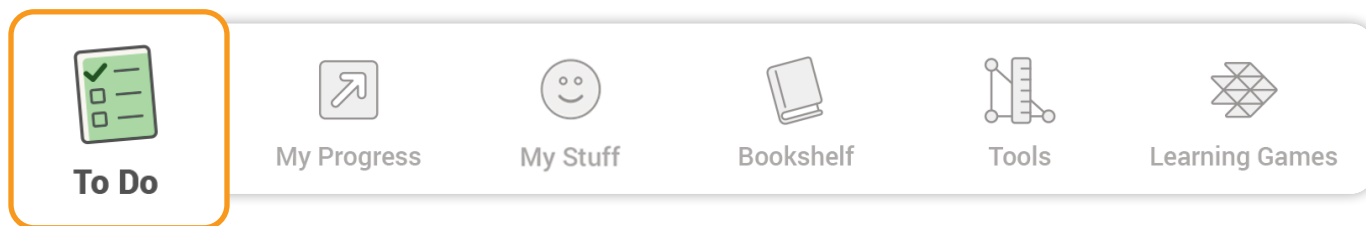


Tools: Use Digital Math Tools powered by Desmos to explore mathematical concepts.



Learning Games: Find playful practice to build understanding and fluency.

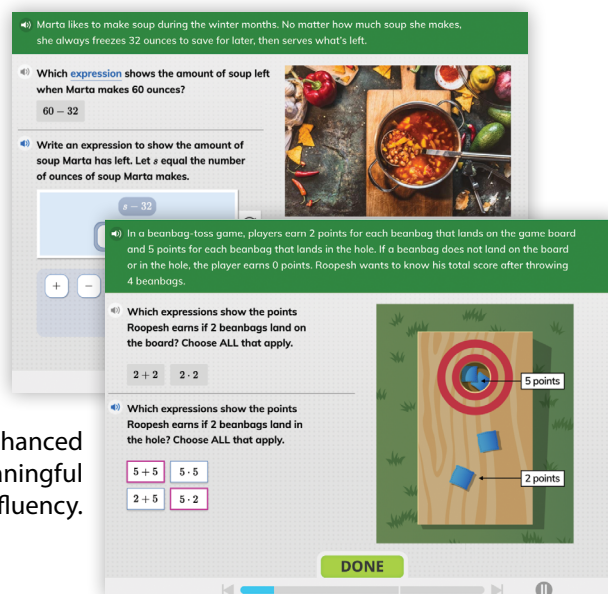
Navigating To Do



Teacher-Assigned Practice

Interactive Practice is assignable digital practice that reinforces student understanding of the mathematical concepts students often need additional support with the most. Students receive immediate, conditional feedback to encourage perseverance and keep them on track.

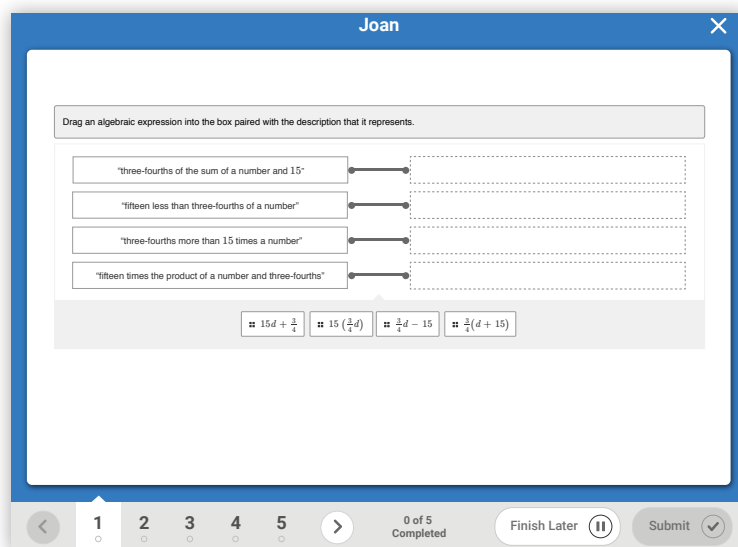
Technology-enhanced items and meaningful feedback help build fluency.



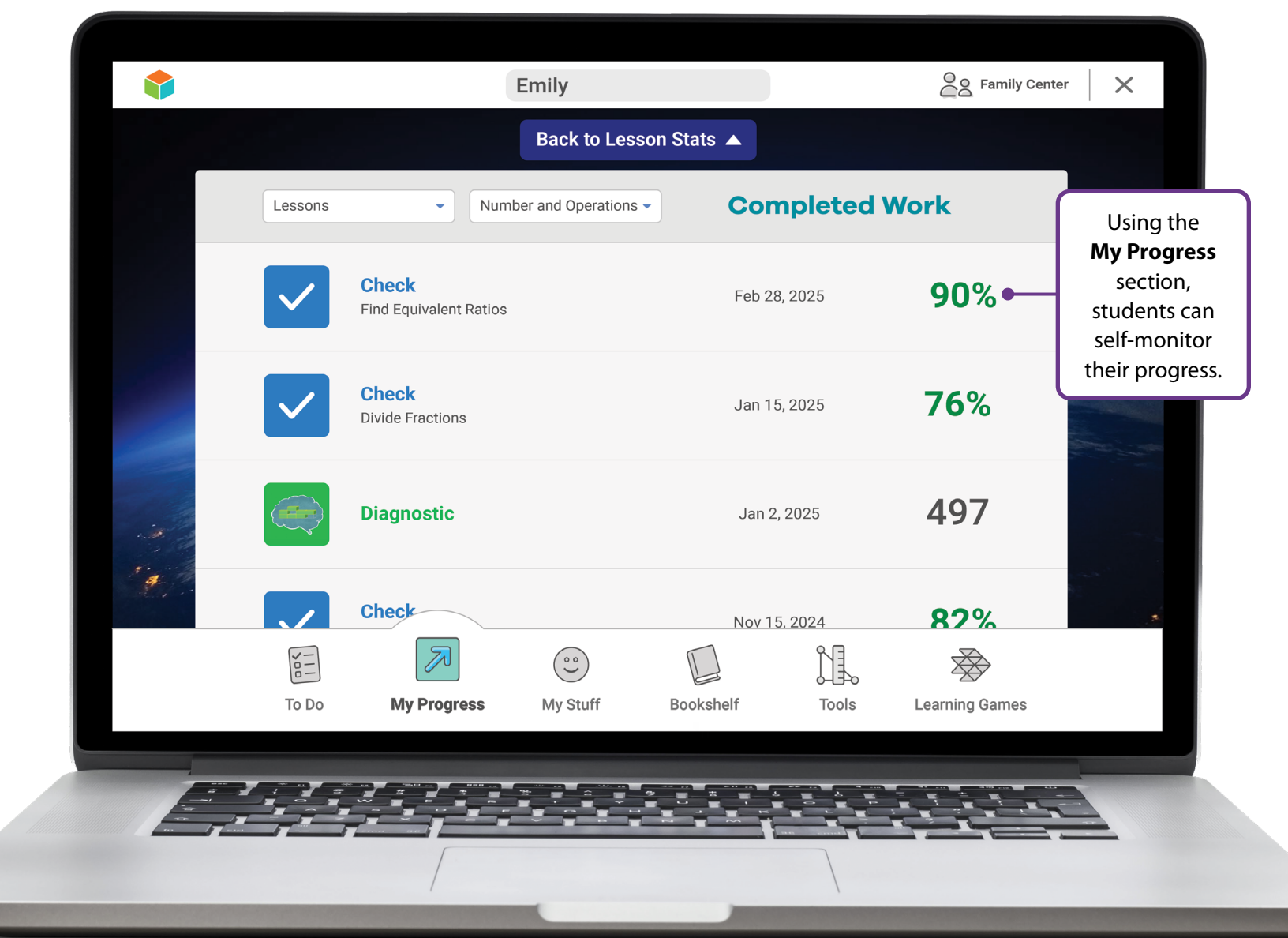
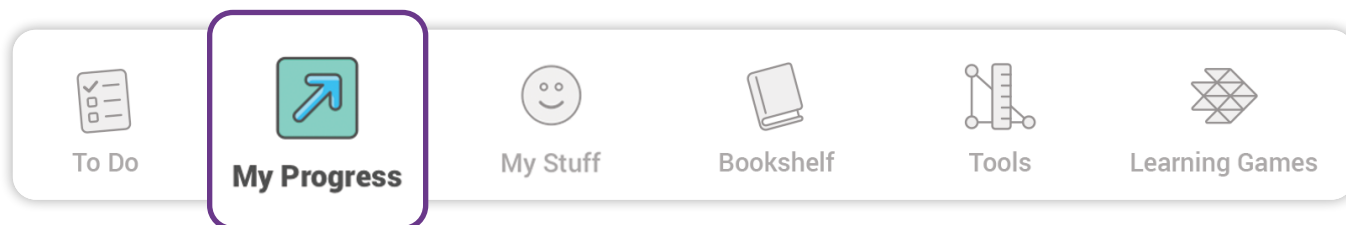
Teacher-Assigned Assessments

Comprehension Checks are auto-scored digital assessments comparable to the Lesson Quiz and Unit Assessment. Teachers can assign the premade Comprehension Checks or customize the question set to meet the unique needs of their class.

Example of Grade 5 Comprehension Check Item



Navigating My Progress



Navigating the Student Bookshelf

The Student Bookshelf is the digital version of the Student Worktext. Within this version, students have the ability to highlight, take notes, or have the pages of the Student Worktext read to them.



To Do



My Progress



My Stuff



Bookshelf



Tools



Learning Games

1

Front of Book

1

Unit 1

Lesson: 1 - 6

2

Unit 2

Lesson: 7 - 10

3

Unit 3

Lesson: 11 - 14

4

Unit 4

Lesson: 15 - 19

Unit Opener

Build Your Vocabulary

Lesson 15

Lesson 16

Lesson 17

2

End of Book

Bookshelf



My Book



My Notes

4

My Videos

3

Family Resources

LESSON 18 | WRITE AND SOLVE MULTI-STEP EQUATIONS

Activity Thinking About Multi-Step Equations

Do this activity together to investigate using an equation to make sense of a situation.

Have you ever taken a taxi to get somewhere? Many taxi companies charge per mile you travel plus a fee to start the trip. That means how much the ride costs is based on more than just how far you travel.

You can use an equation to think about the relationship between miles traveled and the cost of the taxi ride.

Cost of Taxi (\$) = Cost per Mile (\$) × Number of Miles + Taxi Fee (\$)

You can use this equation to figure out much a taxi ride will cost if you know how many miles long the trip is. You can also use this equation to figure out how many miles you can travel for a certain amount.

What are other situations where a total depends on more than one thing?

LESSON 18 | SESSION 1

Explore Solving Multi-Step Equations

Previously, you learned how to reason about equations to find unknown values. In this lesson, you will learn about solving equations algebraically.

Use what you know to try to solve the problem below.

Adela, Rachel, and Santo take pictures at a Purim celebration.

- Adela takes 7 more pictures than Rachel.
- Santo takes 4 times as many pictures as Adela.
- Santo takes 48 pictures.

How many pictures does Rachel take?

TRY IT Math Toolkit algebra tiles, grid paper, number lines, sticky notes

DISCUSS IT Ask: What did you do first to find the number of pictures Rachel takes? Why? Show it centered by ... because ...

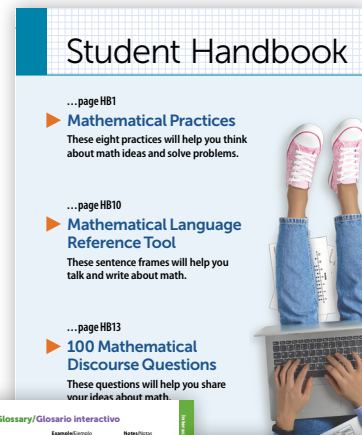
Learning Targets SMP 1, SMP 3, SMP 4, SMP 5, SMP 6, SMP 7

- Write multi-step equations to represent problems.
- Solve multi-step equations.
- Compare different ways of solving equations.

1 Front of Book:

Within Front of Book, students can access the **Student Handbook** that contains:

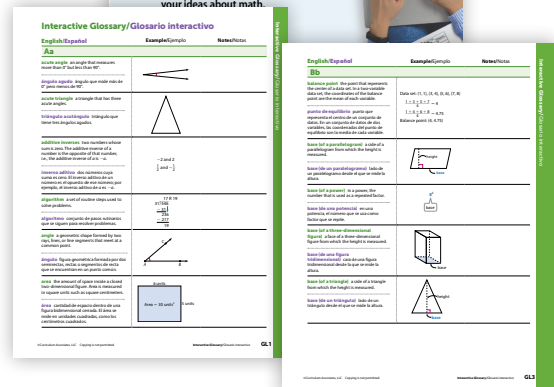
- **E/S** Mathematical Practices
- **E/S** Mathematical Language Reference Tool
- **E/S** 100 Mathematical Discourse Questions



2 End of Book:

Within End of Book, students can access:

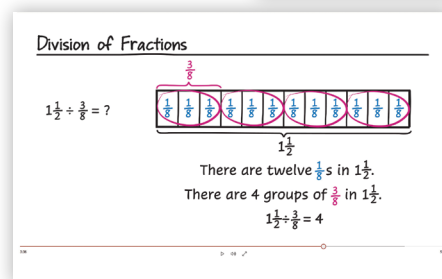
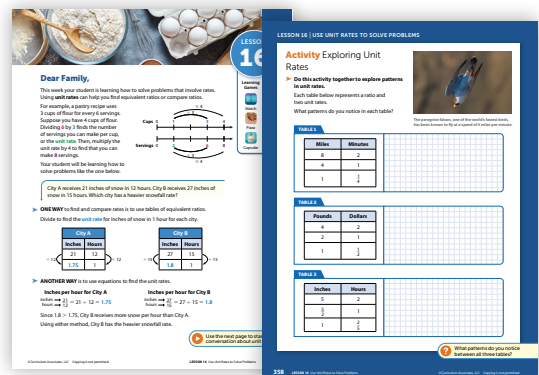
- **E/S** Bilingual English/Spanish Glossary
 - **E/S** Academic Vocabulary Glossary
 - **E/S** Multilingual Glossary
- Includes Arabic, Chinese, French, Haitian Creole, Portuguese, Russian, Spanish, Tagalog, Urdu, and Vietnamese*



3 Family Resources:

Within **Family Resources**, students can access:

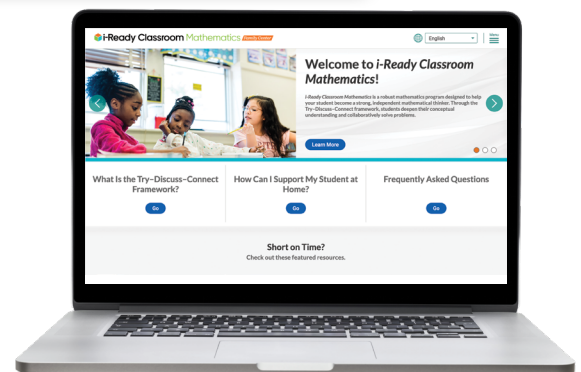
- **E/S** **Family Letters**
Family Letters, available in 11 languages, can be found in both the print and digital Student Worktext.
- **Unit Flow & Progression Videos**
Each unit includes a video showing the flow and progression of the mathematics concepts within that unit. The Unit Flow & Progression Videos are accessible for students and families to help them gain a better understanding of the progression of the standards and the strategies that are taught within each unit of *Classroom Mathematics California*. Videos are closed captioned in English and Spanish.
- **E/S** **Family Center**
This website provides information and resources for parents and families to learn more about the program and ways to support student success.



4 My Videos

Give students 24/7 access to a personal math tutor. The **Develop Session Video Library** includes instructional videos that can be used for remote learning, homework support, or to reteach session concepts.

E/S = Available in English and Spanish



Navigating the Student Bookshelf, Cont'd.

The screenshot displays the Student Bookshelf interface with several callouts labeled A through F:

- A:** Points to the 'Bookshelf' header.
- B:** Points to the search bar showing 'Go 354 - 355 of 833'.
- C:** Points to the 'Front of Book' section in the left sidebar.
- D:** Points to the 'Family Resources' link in the top right.
- E:** Points to the search icon in the top right.
- F:** Points to a 'Multiply by the number of miles' dialog box overlaid on the lesson content.
- G:** Points to the toolbar containing icons for home, print, zoom, bookmark, edit, and calculator.

The interface includes a top navigation bar with 'My Book', 'My Notes', 'My Videos', and 'Family Resources'. The left sidebar lists units and lessons, with 'Lesson 18' selected. The main content area shows 'LESSON 18 | WRITE AND SOLVE MULTI-STEP EQUATIONS' with an activity and a 'Desmos Scientific Calculator' tool.

Student Bookshelf iPad® Compatibility: All assets within the *Classroom Mathematics California* online Student Bookshelf are fully supported on iPads (iOS® 15.1 and higher).

iPad® is a registered trademark of Apple, Inc.

IOS is a trademark of Cisco in the US and other countries and is used under license.

A To **navigate to a specific lesson**, choose the unit, then the lesson on the left side of the screen.

B **Go directly to a specific page** within the Student Worktext by entering the page number.

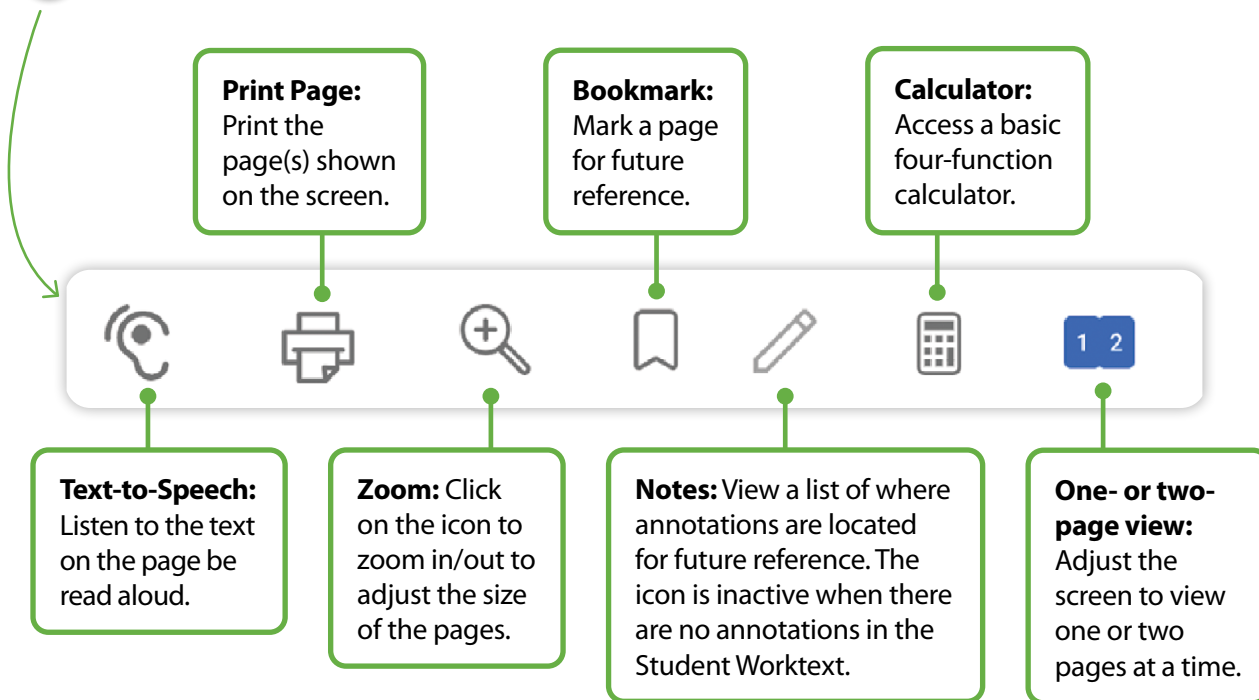
C Click the arrows to **page forward** or **backward** within each lesson.

D Select the “X” to **return to the dashboard**.

E **Search by keyword** to find where they occur within the Student Worktext.

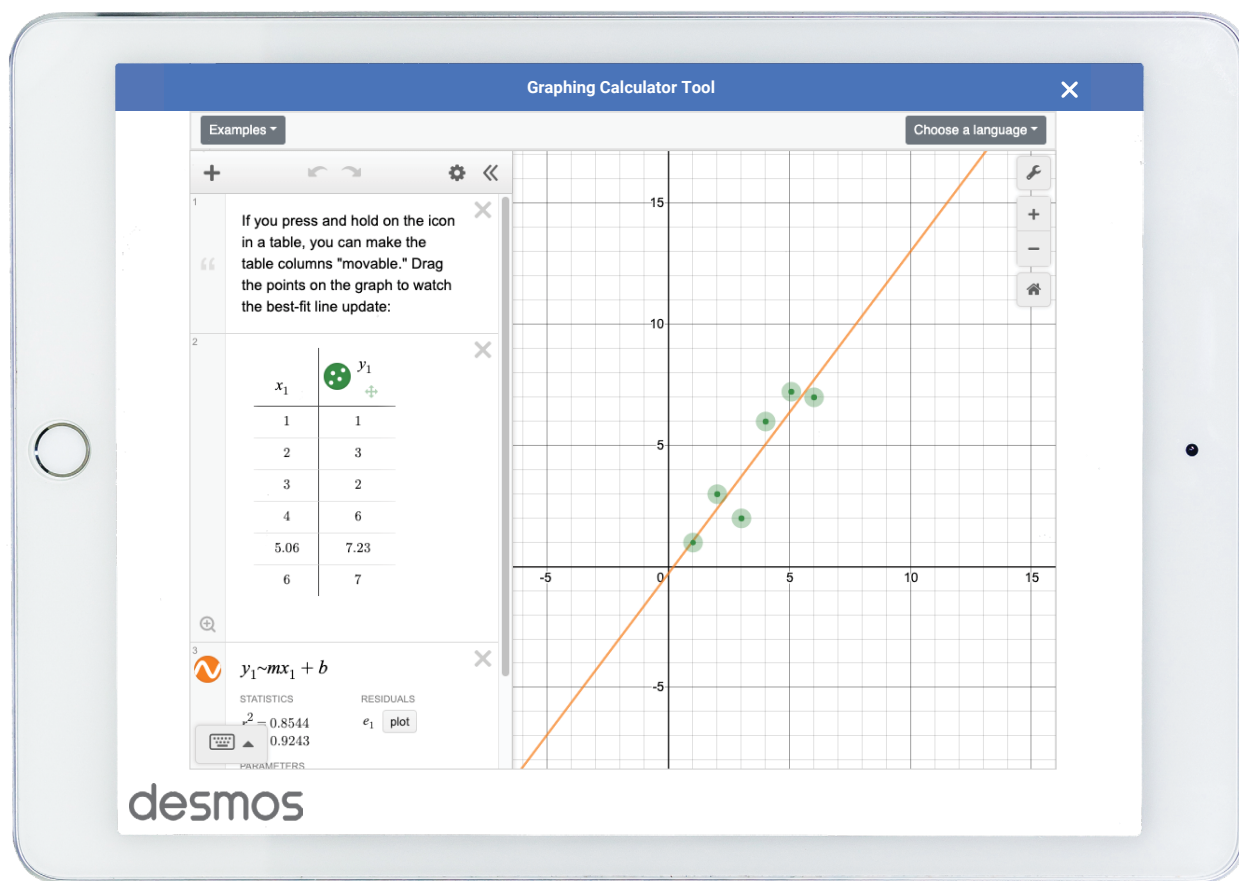
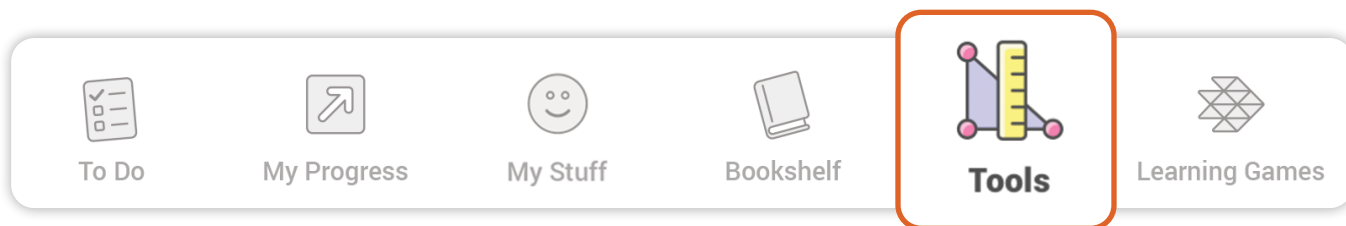
F **Annotations can be added** by highlighting text on a page, clicking the blue square to enter notes, and selecting a highlighter color.

G **Navigational tools included for the student:**



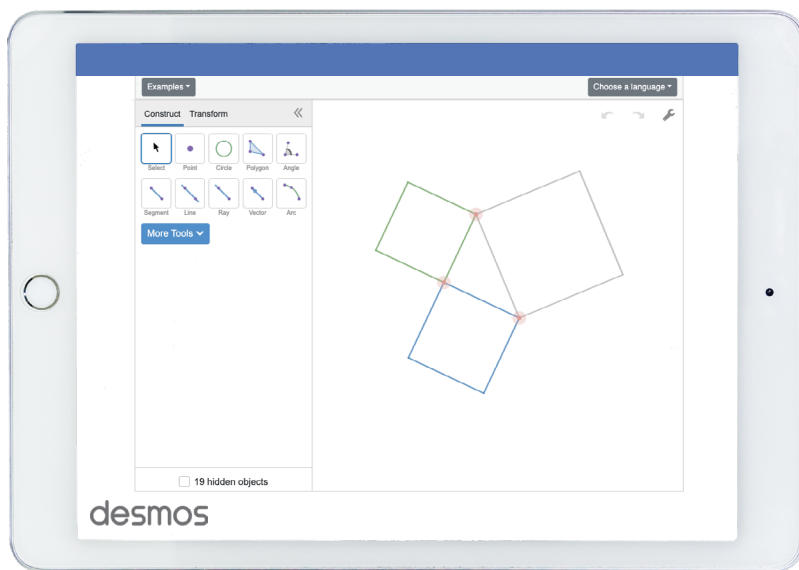
Navigating the Digital Math Tools Powered by Desmos

A full suite of digital tools and virtual math manipulatives allows students to explore mathematical concepts and make graphical, numerical, algebraic, and geometric connections.



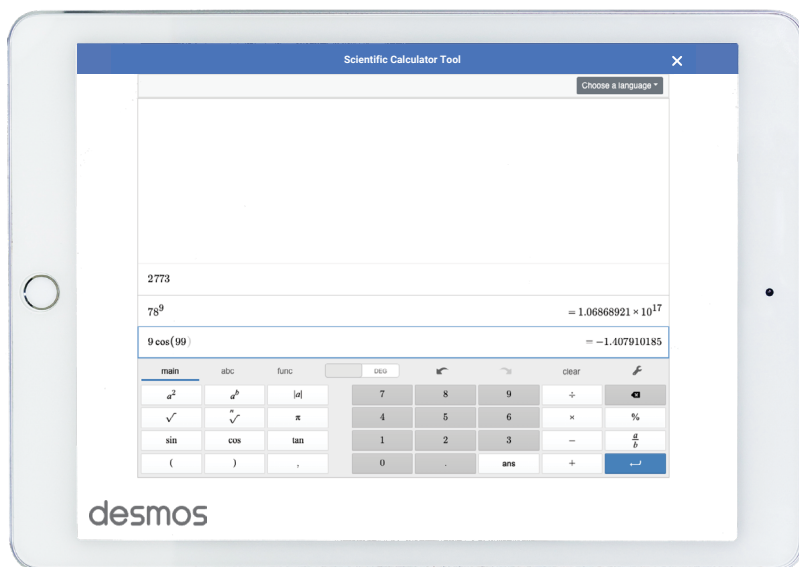
Graphing Calculator

Graph functions, plot data, evaluate equations, explore transformations, and much more. The comprehensive interface of the graphing calculator makes powerful visual connections between graphical, numerical, and algebraic representations.



Geometry Tools

Plot points, rays, lines, line segments, vectors, and circles. The Geometry Tools include prebuilt construction tools (e.g., midpoint, parallel lines, perpendicular lines, and compass) as well as transformations (e.g., reflection, translation, rotation, and dilation) that allow for in-depth student explorations.



Scientific Calculator

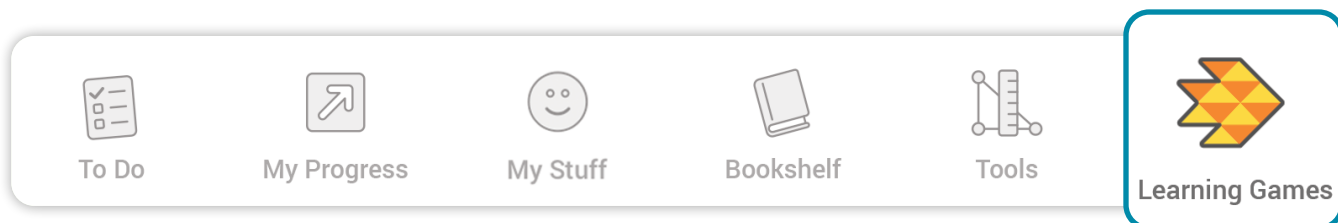
Evaluate any kind of expression, including ones that include fractions, exponents, and roots. Advanced features include absolute value, trigonometric functions and inverse trigonometric functions in both radians and degrees, permutations, combinations, logarithms, and statistics functions.

Additional Digital Math Tools powered by Desmos include:

- Number Lines
- Base-Ten Blocks
- Fraction Models
- Multiplication Models
- Perimeter and Area Models
- Counters and Connecting Cubes

Navigating the Learning Games

Learning Games offer a multisensory approach to engaging students in fluency practice. They provide an interactive exploration of key skills in a low-stakes setting, allowing students to develop a positive attitude toward challenge and perseverance. Available in English and Spanish!



Pizza

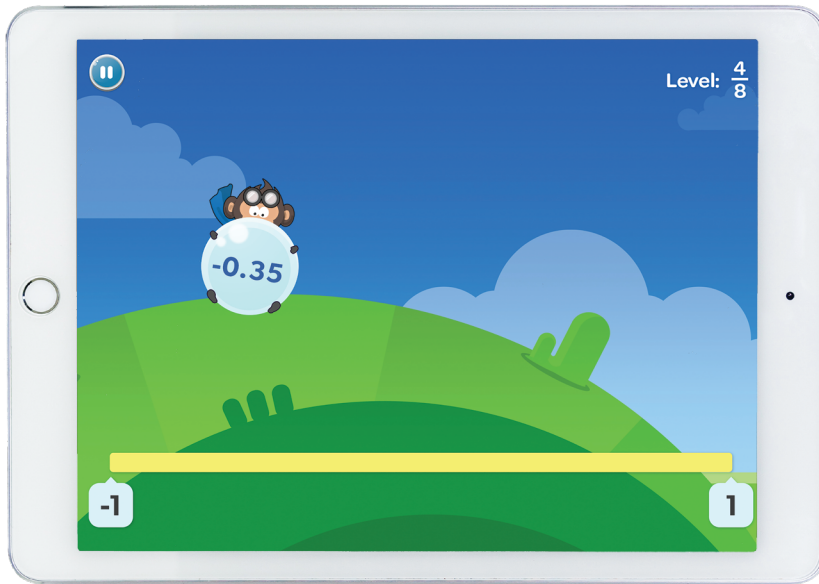
Students run a virtual pizza store. Adaptive timing gives students challenging fluency practice with addition, multiplication, and multistep problems as they compare ingredient vendors and calculate the price of customer orders.



Match

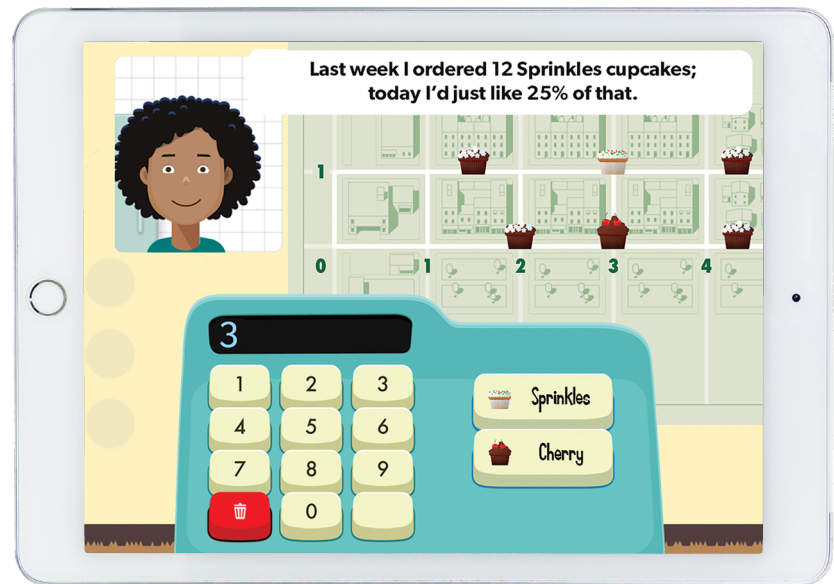
- Students develop fluency with fractions, ratios, and rational number operations.





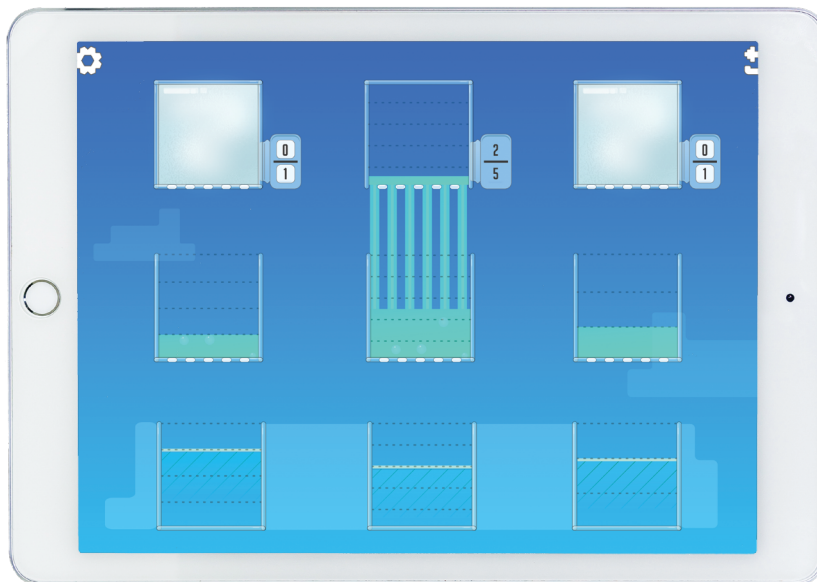
Bounce

Students practice comparing and locating negative rational numbers, fractions, and absolute values on the number line.



Cupcake

Students practice ratio, rate, and percentage word problems by decoding real-world economics and navigating the coordinate plane.



Cloud Machine

Students build conceptual understanding of fractions by solving visual and symbolic puzzles.



Classroom Mathematics California



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ClassroomMathematicsCalifornia.com

To see how other educators are maximizing their
Classroom Mathematics California experience, follow us on social media!



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