

Classroom Mathematics
California

Student Digital Experience Walkthrough



GRADES

K-5

by  i-Ready

Boost Student Engagement and Understanding

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

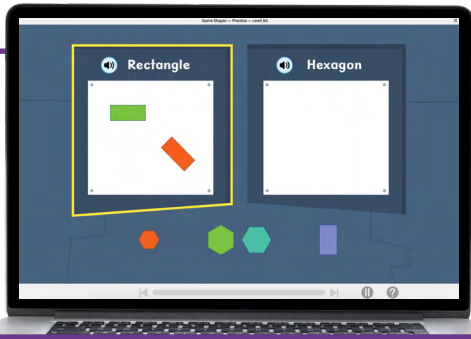
All student resources are accessed directly from the online student dashboard on i-ReadyConnect.com, making it easy for students to move from one resource to another.

Table of Contents

● Student Dashboard	4
● To Do	6
● My Progress	7
● Student Bookshelf	8
Resources	9
Navigational Tools	10
● Digital Math Tools	12
● Learning Games	14

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

Don't Miss These Engaging Resources



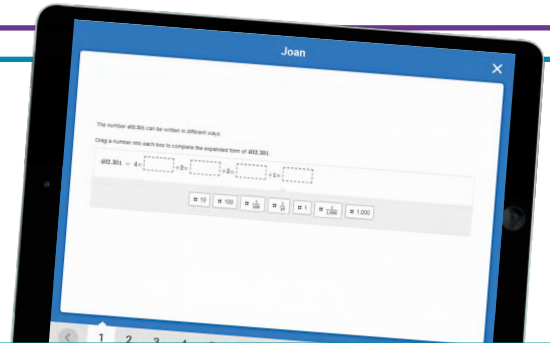
Interactive Practice with Technology-Enhanced Items
Teachers can assign digital Interactive Practice to help students build understanding and fluency through the use of technology-enhanced items.

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

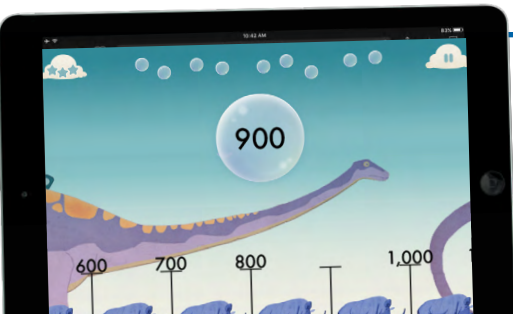
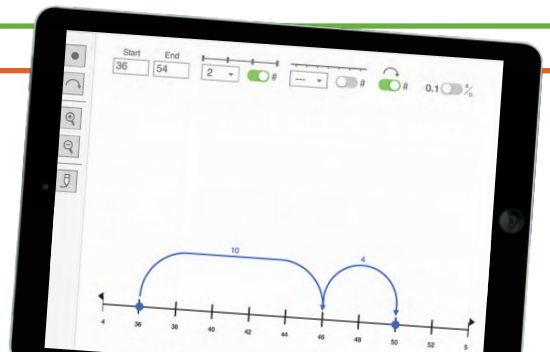
The Student Bookshelf offers online access to the print Student Worktext along with many additional digital features that make it easy to navigate and personalize.

Page 8

Digital Math Tools

A full suite of Digital Math Tools allows students to explore mathematics concepts using multiple models.

Page 12



Learning Games

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

Page 14

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 screenshot shows a student dashboard for a user named Kristin with 400 coins. The dashboard is divided into two main 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' (Understand Place Value, Due 11/15/24), 'Practice' (Use Place Value to Round Numbers, Due 1/2/25), and 'Check' (Ms. G's Lesson Quiz, Due 1/15/25). The 'My Path' section features a 'Math Diagnostic' card. At the bottom is a navigation bar with icons for 'To Do', 'My Progress', 'My Stuff', 'Bookshelf', 'Tools', 'Learning Games', and 'Fluency Flight'. Callouts provide detailed descriptions for each of these sections and 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: Understand Place Value
- Practice** Due 1/2/25: Use Place Value to Round Numbers
- Check** Due 1/15/25: Ms. G's Lesson Quiz

My Path

- Math Diagnostic**

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 to explore mathematical concepts.

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

*Personalized Instruction is an optional add-on.

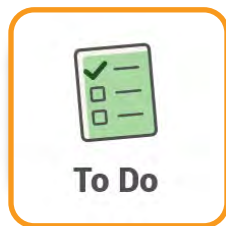


Age-appropriate
interface for
Grades K–2



My Stuff: Adjust
settings, such as
selecting a background
theme or a Study
Buddy character
(Grades K–2).

Navigating To Do



To Do



My Progress



My Stuff



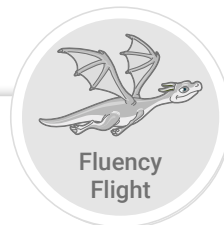
Bookshelf



Tools



Learning Games

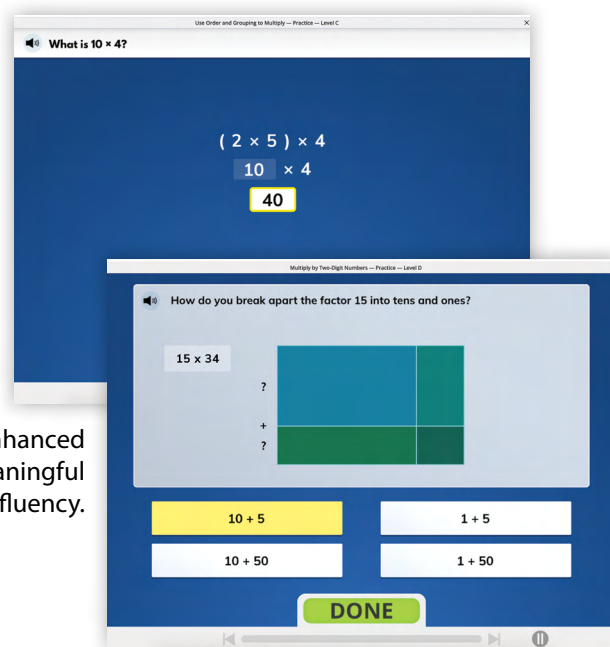


Fluency Flight

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.

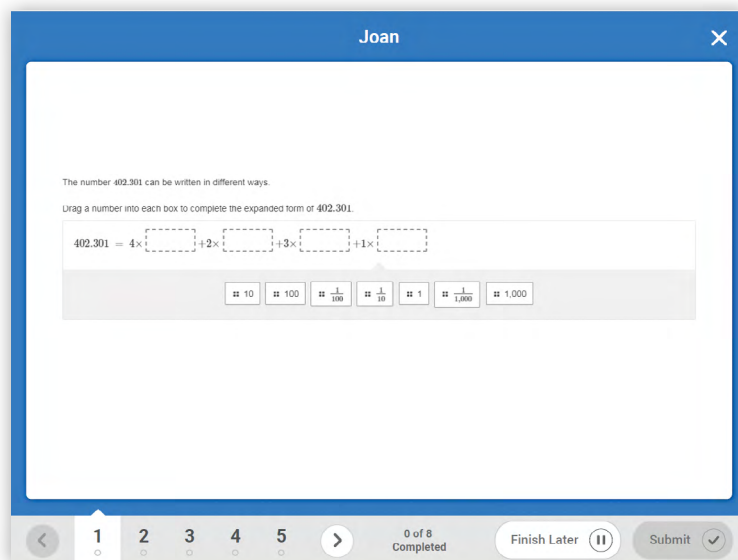
Technology-enhanced items and meaningful feedback help build fluency.



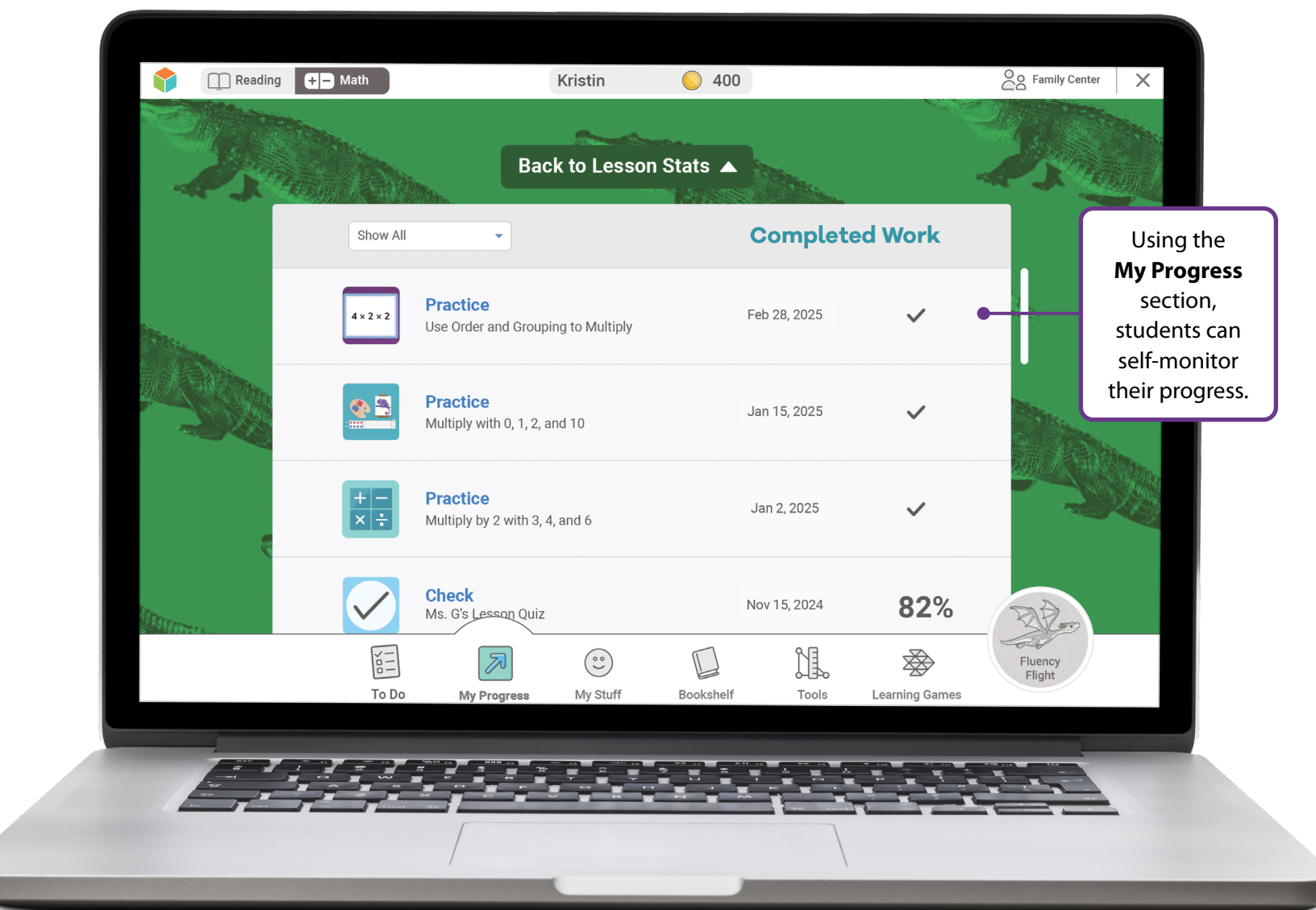
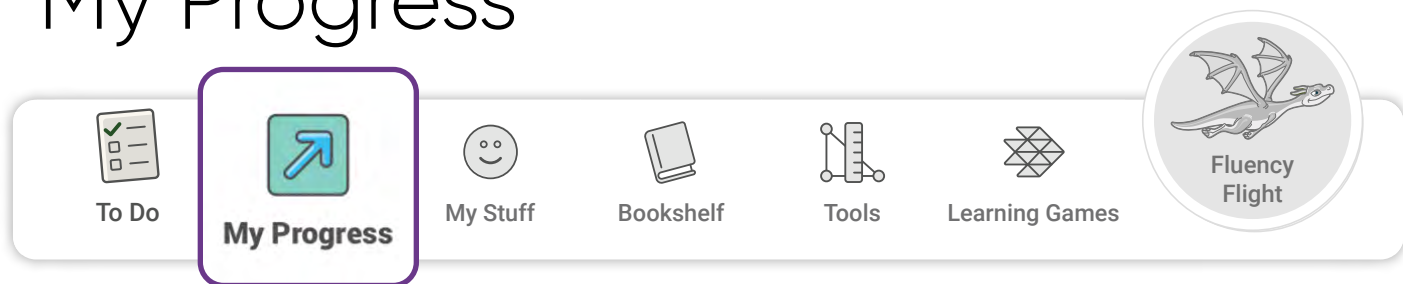
Teacher-Assigned Assessments

Comprehension Checks are auto-scored digital assessments comparable to the Lesson Quiz, Mid-Unit Assessment, 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

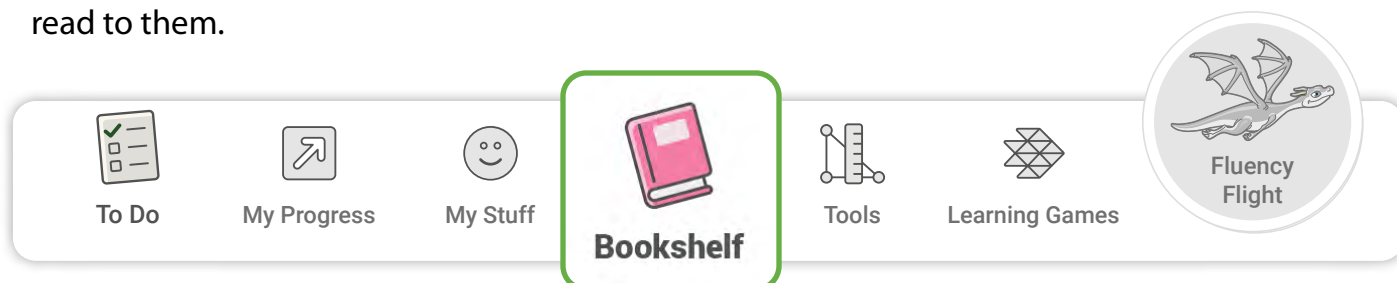


Navigating My Progress



Navigating the Student Bookshelf

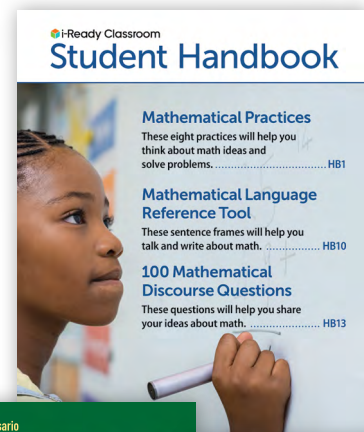
The Student Bookshelf is the digital version of the Student Worktext. Within this version, students have the ability to highlight, take notes, or have the pages of the Student Worktext read to them.



1 Front of Book:

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

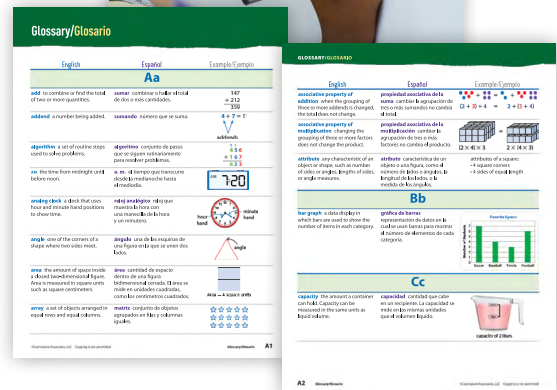
-  Mathematical Practices
-  Mathematical Language Reference Tool
-  100 Mathematical Discourse Questions



2 End of Book:

Within End of Book, students can access:

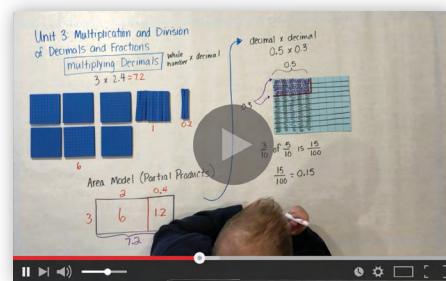
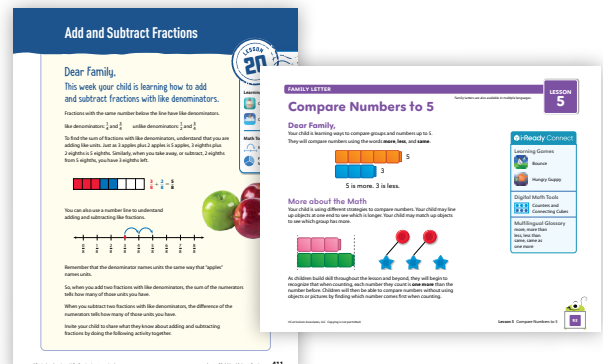
-  Bilingual English/Spanish Glossary
-  Academic Vocabulary Glossary
-  Multilingual Glossary
Includes Arabic, Chinese, French, Haitian Creole, Portuguese, Russian, Spanish, Tagalog, Urdu, and Vietnamese



3 Family Resources:

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

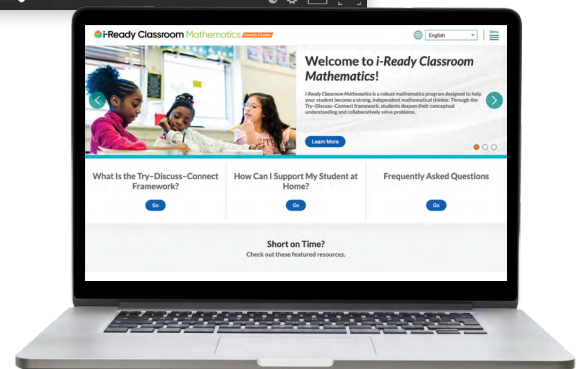
-  **Family Letters**
Family Letters, available in 11 languages, can be found in both the print and digital Student Worktext.
- **Unit Flow & Progression Videos**
Each unit includes a video showing the flow and progression of the mathematics concepts within that unit. The Unit Flow & Progression Videos 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.
-  **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 (Grades 2–5)

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.

 = Available in English and Spanish



Navigating the Student Bookshelf, Cont'd.

The screenshot displays the Student Bookshelf iPad interface. On the left, a sidebar (A) contains a 'Front of Book' menu (C) with units 1 through 4, and a 'Lesson 20' button. The main area shows a lesson page for 'Lesson 20: Explore Adding and Subtracting Fractions'. A search bar (B) at the top right shows '412 - 413 of 833'. A 'Family Resources' link (D) is in the top right corner. A 'My Book' icon (G) is in the top left. A 'My Notes' icon is in the top center. A 'My Videos' icon is in the top right. A 'Family Resources' icon is in the top right. A 'Search' icon (E) is in the top right. A 'Cancel' button (F) is in the bottom right of the sidebar. A 'Save' button is in the bottom right of the sidebar. A 'Math Toolkit' section is visible on the right side of the lesson page.

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.

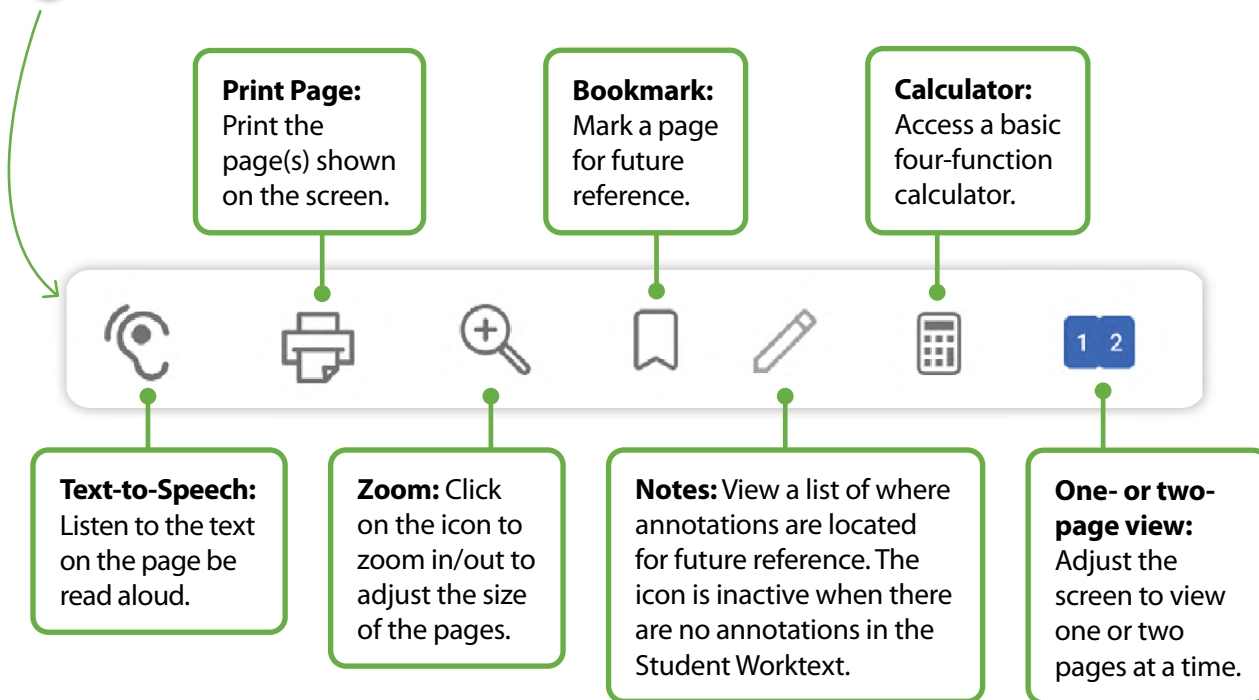
C Click the arrows to **page forward** or **backward** within each lesson.

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

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

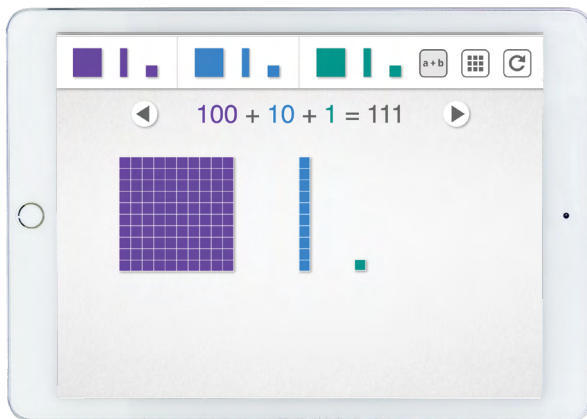
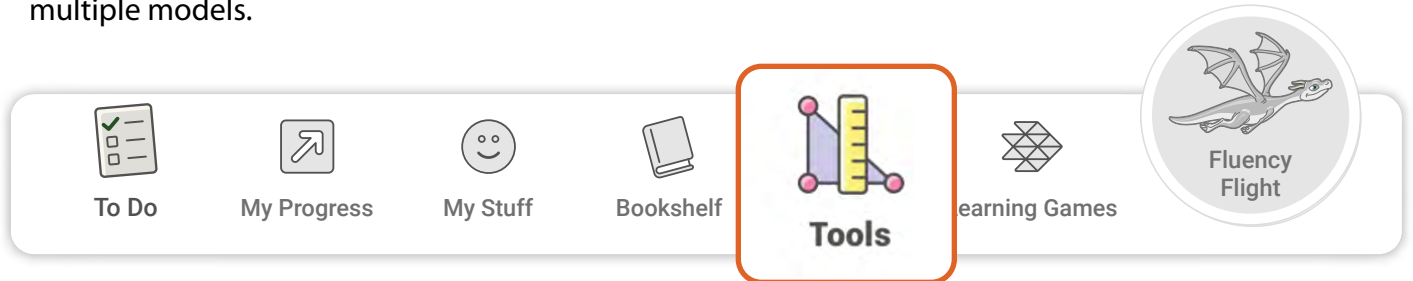
F **Annotations can be added** by highlighting text on a page, clicking the blue square to enter notes, and selecting a highlighter color.

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



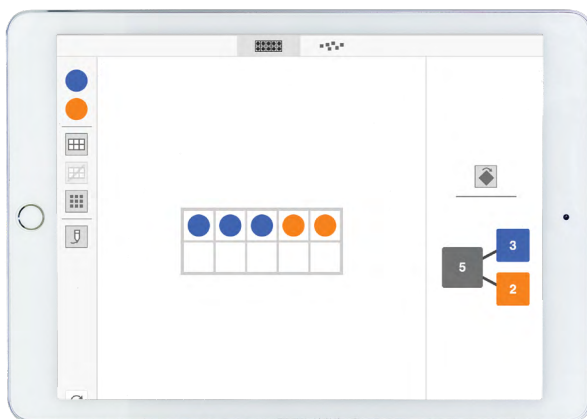
Navigating the Digital Math Tools

A full suite of virtual math manipulatives allows students to explore mathematical concepts using multiple models.



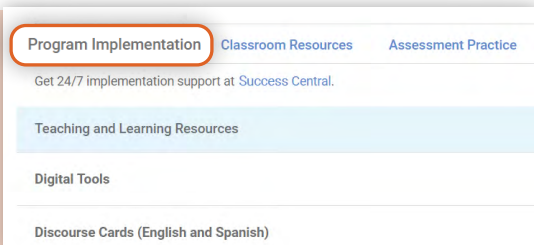
Base-Ten Blocks

Use base-ten blocks to represent, add, and subtract numbers by place value. Break blocks apart for a visual representation of regrouping numbers that real blocks don't provide.

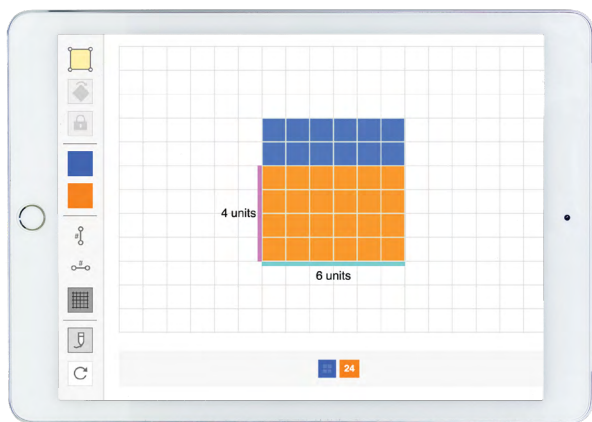


Counters and Connecting Cubes

Count, build number relations, and compose and decompose numbers with the use of the two-color counters, ten frames, and number bonds. Reveal one, two, or three parts of the number bond to develop part-whole relationships.

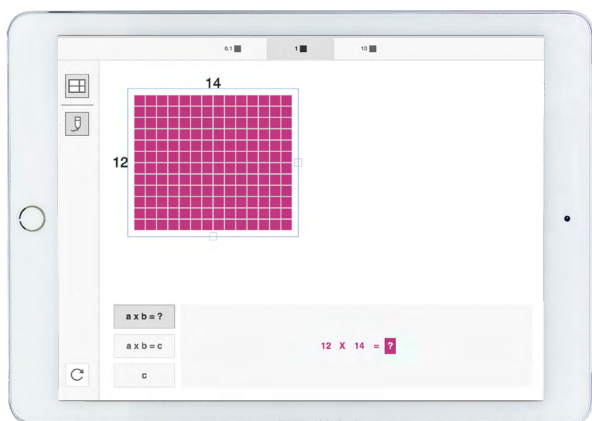


Learn how to use the Digital Math Tools on the Teacher Toolbox under the **Program Implementation** tab.



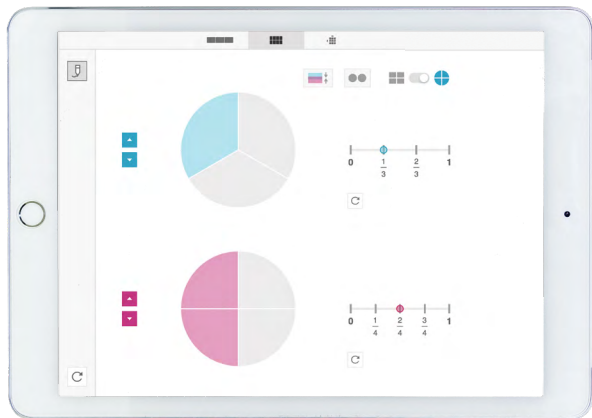
Perimeter and Area Models

Build rectangular arrays and rectilinear figures in order to develop a conceptual understanding of area and perimeter.



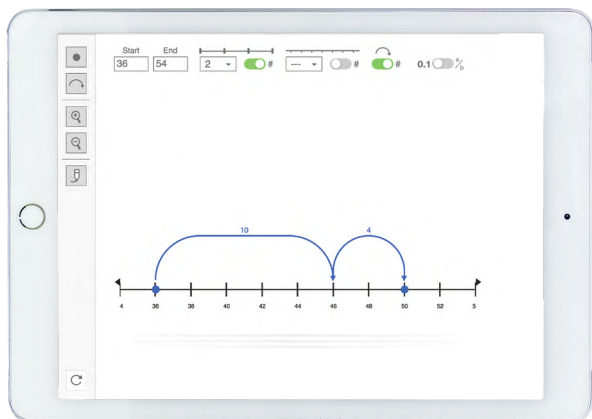
Multiplication Models

Investigate area models for multiplication, and visually explore partial products from decimals to hundreds.



Fraction Models

Use area models, fraction strips, and number lines to create clear visual representations of fractions. Develop a clear conceptual understanding of fractions in order to compare, add, subtract, and multiply.



Number Lines

Design your own number line and use it to show relative position of numbers, rounding, and to model addition, subtraction, and multiplication. Also model fractions, decimals, and whole numbers.

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!



To Do



My Progress



My Stuff



Bookshelf



Tools



Learning Games



Fluency Flight

Hungry Guppy

Students develop fluency with addition and subtraction.



Play Hungry Guppy!

Hungry Fish

Students develop fluency with addition and subtraction, including integers.



Play Hungry Fish!

Cloud Machine

Students build conceptual understanding of fractions by solving visual puzzles.



Play Cloud Machine!

Bounce

Students build fluency with integers and fractions.



Play Bounce!



Play Zoom!



Play Cupcake!



Play Match!



Play Pizza!

Zoom

Students develop understanding of place value and the number line.

Cupcake

Students practice word problems by decoding real-world economics and navigating coordinate planes.

Match

Students increase fluency with numbers and operations.

Pizza

Students build mental math and real-world economic skills.

Navigating Fluency Flight

Fluency Flight (Grades 2–5) helps students achieve math fact fluency using an engaging, research-based design. By delivering the right content at the right time, Fluency Flight solidifies students' conceptual understanding and long-term memory formation. Digital activities make practice fun and reward students for their effort and persistence.



To Do



My Progress



My Stuff



Bookshelf



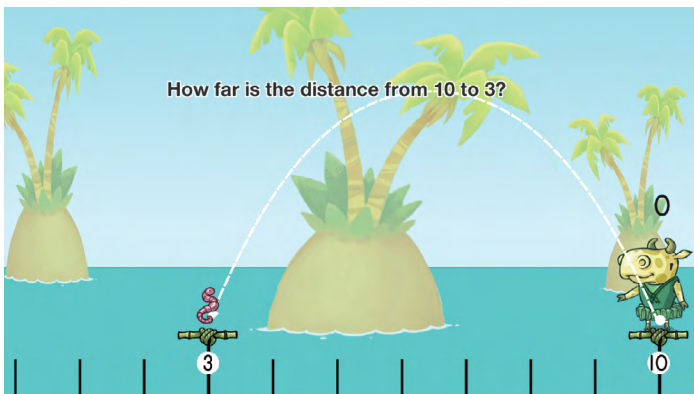
Tools



Learning Games



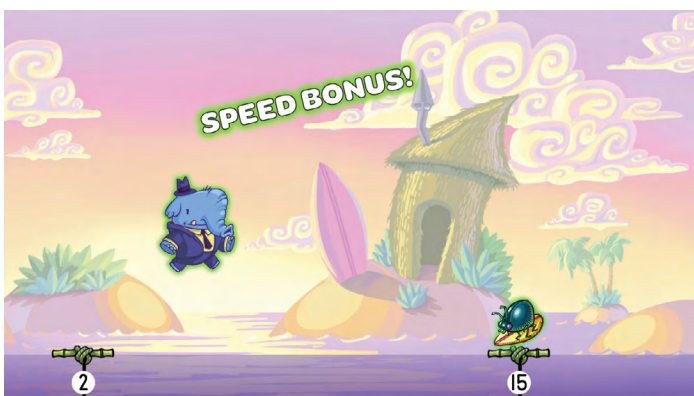
Four Stages of Fluency Development



- 1 Basic Understanding:** Visuals, stories, and strategies to make sense of operations and facts



- 2 Accuracy:** Practice until facts are answered accurately



- 3 Automaticity:** Continued practice until facts are answered accurately and efficiently



- 4 Maintenance:** Retain automaticity of facts



Classroom Mathematics California



Learn More at
ClassroomMathematicsCalifornia.com

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



[@MyiReady](https://www.instagram.com/MyiReady)



[Curriculum Associates](https://www.facebook.com/CurriculumAssociates)



[@CurriculumAssoc](https://twitter.com/CurriculumAssoc)



[MyiReady](https://www.pinterest.com/MyiReady)



41450.0

© 2024 Curriculum Associates, LLC.
All rights reserved. | 12/24 13.6K | 2551838

Curriculum Associates