

Classroom Mathematics
California

Teacher Digital Experience Walkthrough



by  i-Ready®

GRADES
2-5

Empower Student Growth with an Effective and Connected Learning System

Classroom Mathematics California teaching and learning resources are accessible through i-ReadyConnect.com. This platform houses all print and digital instructional resources, adaptive interactive games, digital practice, assessments, and reports for the program. With one place to access all Grades K–8 resources, teachers can quickly and easily meet the needs of all learners.

Connected

Resources, practice, assessments, and reports on one platform

Easy

Simple navigation and organized content to meet student needs

Useful

In-depth reports with actionable data that provides meaningful student insights

Table of Contents

●

Set Up a Demo Account

4

●

Teacher Dashboard

5

●

Teacher Toolbox

6

Program Implementation

7

Assessment Practice

7

Classroom Resources

8

●

Interactive Practice

12

●

Digital Assessment

13

●

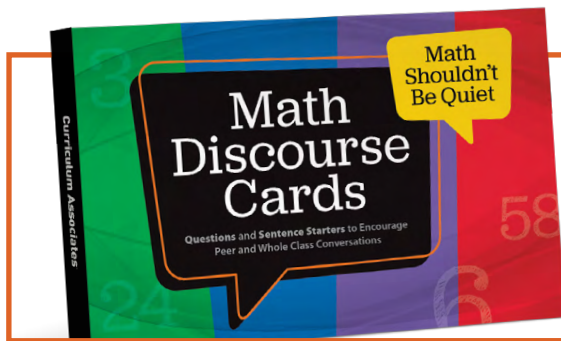
Reports

14

2 | Classroom Mathematics California

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Don't Miss These Engaging Resources



Math Discourse Cards

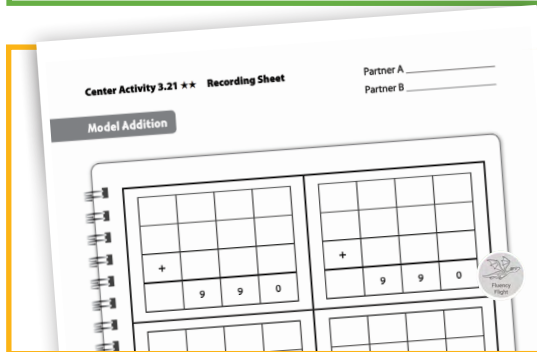
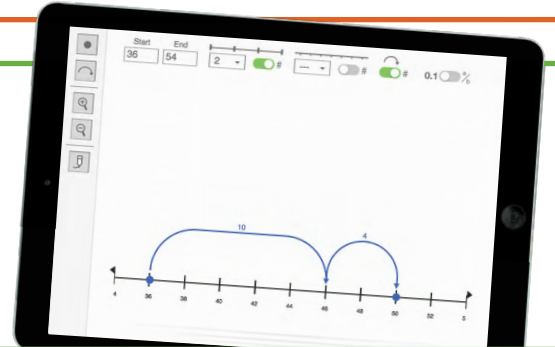
Each card provides a question or sentence starter to help students initiate, deepen, and extend conversations.

[Page 7](#)

Digital Math Tools

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

[Page 8](#)



Math Center Activities

These activities reinforce on-level skills but are purposefully differentiated for on-, below-, and above-level students.

[Page 11](#)

Interactive Practice with Technology-Enhanced Items

This assignable digital practice reinforces understanding. Students receive immediate feedback to encourage perseverance and keep them on track.

[Page 12](#)



Adaptive Learning Games and Reports

Playful fluency practice allows students to explore essential skills in a low-stakes setting. In-depth reports offer teachers real-time snapshots of skills progress and growth mindsets.

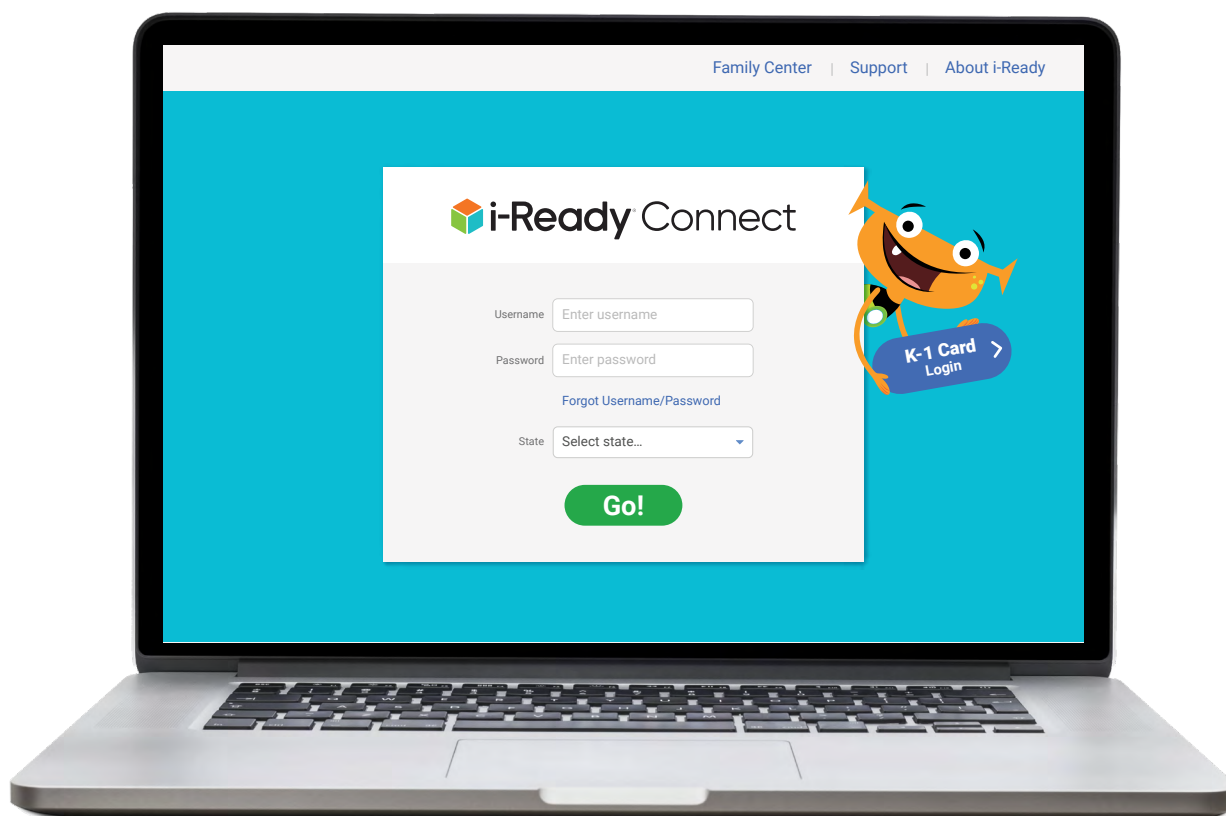
[Page 15](#)

Set Up a Demo Account

Get Started

To get started with your *Classroom Mathematics California* demo account:

- 1 Your Curriculum Associates representative may have provided a demo access code. If not, contact your representative for a free trial.
- 2 Go to pd.i-ready.com/login/pd. Note: Login credentials will only work at this website.
- 3 Enter your **username**.
- 4 Enter your **password**.
- 5 Select **California**.
- 6 Select **Go!**



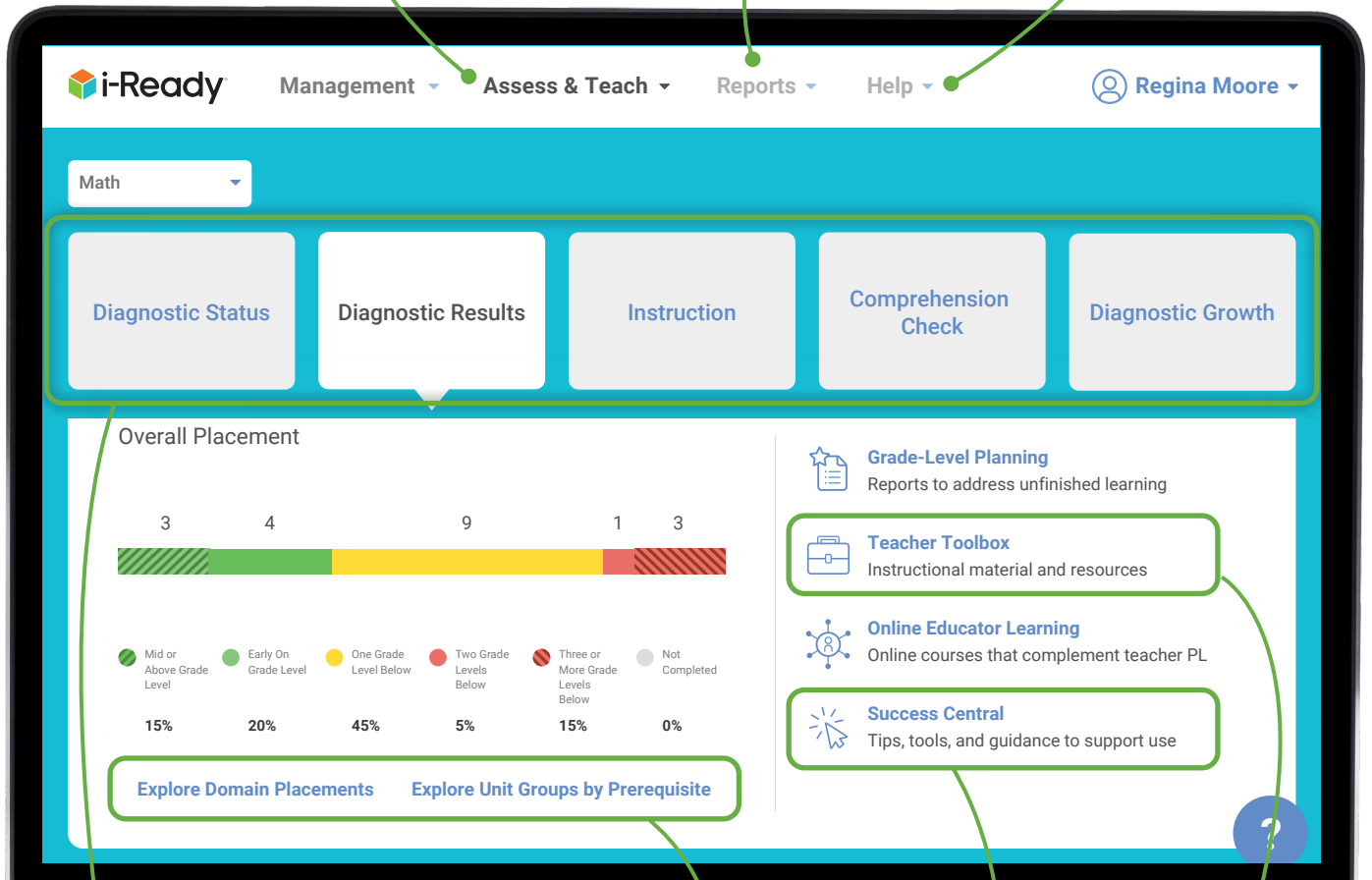
Navigate to: Teacher Dashboard

The teacher dashboard provides at-a-glance views of key aspects of *Classroom Mathematics California*.

See all **assessments and instructional resources**.

Monitor your students' progress.
Get data and resources to support planning for differentiation.

Explore **support resources**.



Dashboard tabs highlight different snapshots of student performance.

- **Diagnostic Status**
Students' progress as they complete a Diagnostic in real time
- **Diagnostic Results**
Intuitive visuals of student Overall Placement on the most recent Diagnostic
- **Comprehension Check**
Class results from the most recent Lesson Quiz, Mid-Unit Assessment, or End-of-Unit Assessment Comprehension Check
- **Diagnostic Growth**
Class progress toward Typical Growth and Stretch Growth® after two or three completed Diagnostics

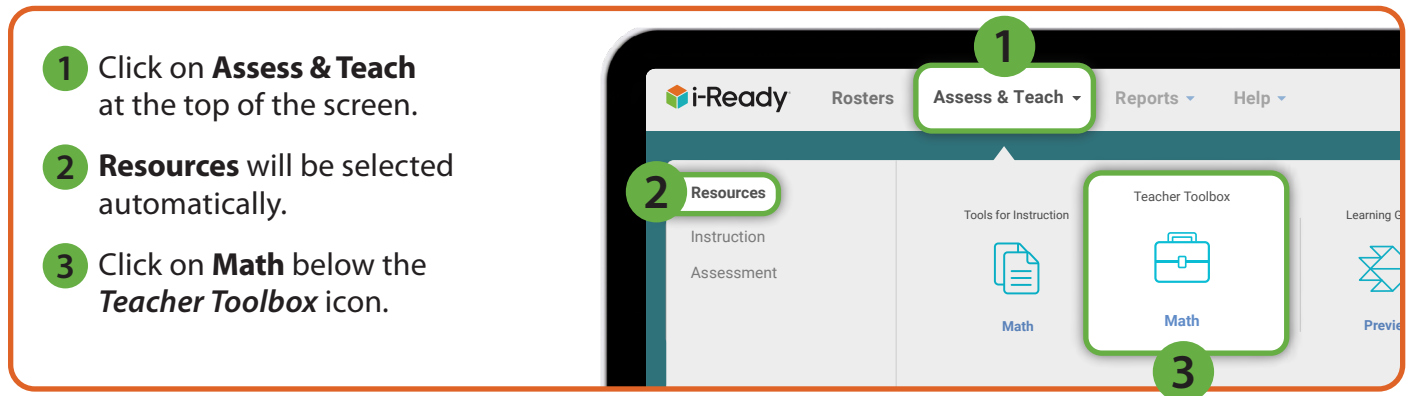
Get **key insights right away** with direct links to useful reports.

Access **Tools and Tips** to get the most from your data.

Access **all Grades K–8 resources** for instruction, differentiation, and intervention.

Navigate to: Teacher Toolbox

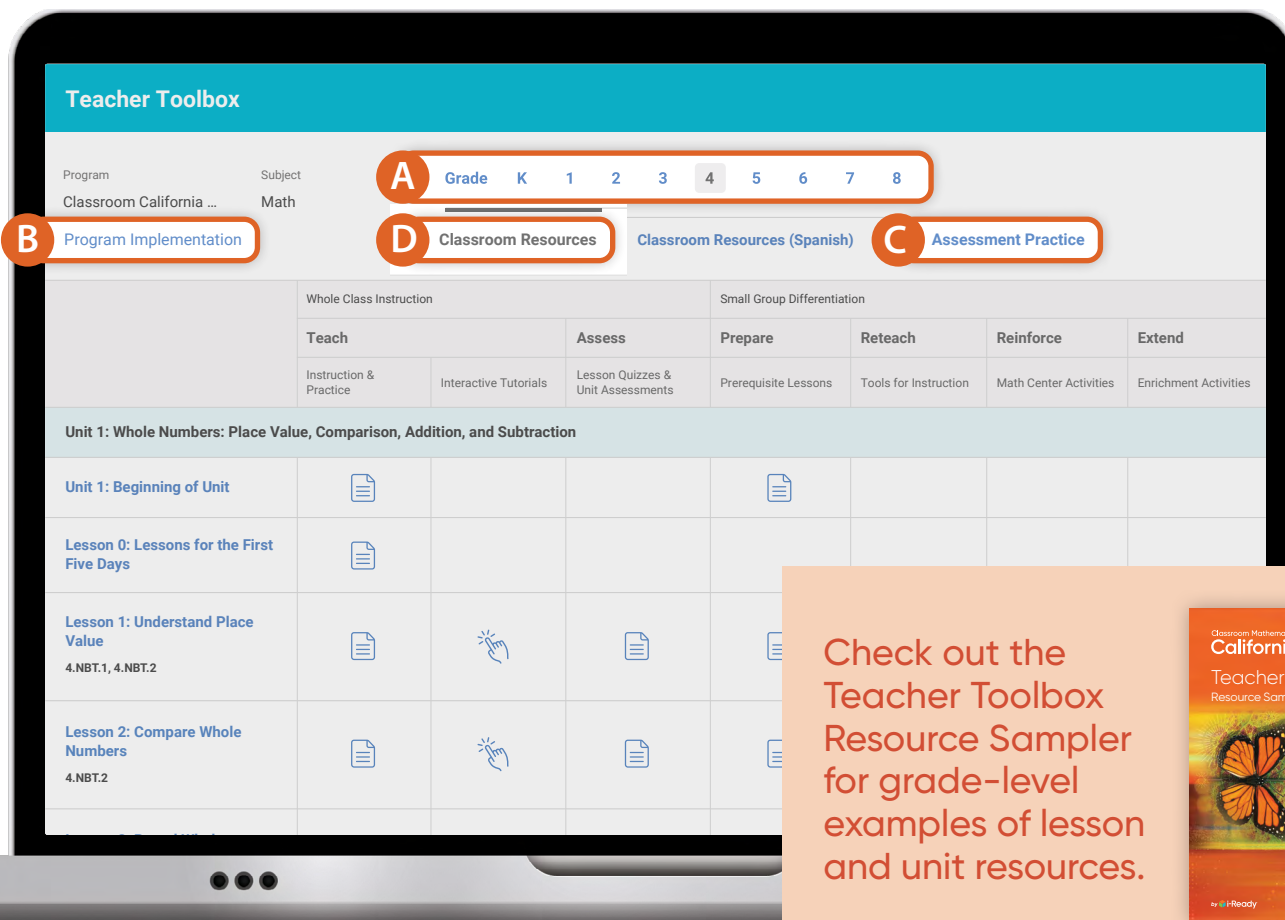
Easily access all *Classroom Mathematics California* materials on the Teacher Toolbox. Resources are conveniently organized to match the print materials, making navigation a breeze.



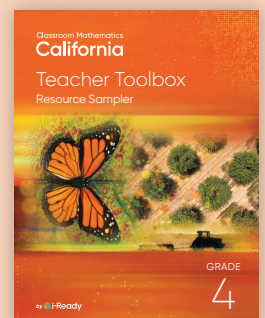
What's inside the Teacher Toolbox?

A All Grades K–8 Resources in One Place

The Teacher Toolbox for *Classroom Mathematics California* provides every teacher with access to all Grades K–8 instructional resources for on-level instruction as well as resources for differentiation and intervention. Easily navigate between grades with a simple click.



Check out the Teacher Toolbox Resource Sampler for grade-level examples of lesson and unit resources.

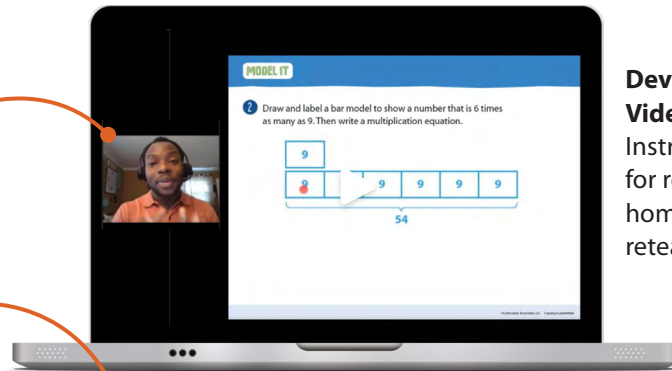


B Program Implementation

Grade-level resources and support materials for a successful implementation. Explore to see all the resources below.

Teaching and Learning Resources

- **Develop Session Video Library**
- Discourse Cards E/S
- Activity Sheets E/S
- Graphic Organizers E/S
- **Grade Level Games (Grades K–2)** E/S
- Digital Math Tools
- Digital Math Tools—Support Videos



Develop Session Video Library

Instructional videos for remote learning, homework support, or reteaching concepts

Implementation Support

- **UDL Process Toolkit**
- Data Science Resources
- Student Handbook E/S
- Multilingual Glossary E/S
- Bilingual Glossary E/S
- Academic Vocabulary Glossary E/S
- Manipulatives List
- Try–Discuss–Connect Framework Resources
- Digital Resource Correlations
- Comprehension Check Correlation Guides

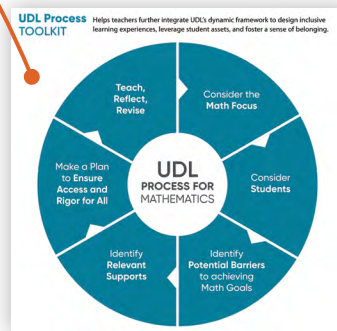


Grade Level Games

Fun math games for Grades K–2 students help build fluency and understanding of critical concepts.

Teacher's Guide Front and End of Book

- Teacher's Guide Table of Contents
- Program Resources
- Program Overview
- Standards for Mathematical Practice in Every Lesson
- Supporting Research
- California Correlations
- Yearly Pacing
- Acknowledgments



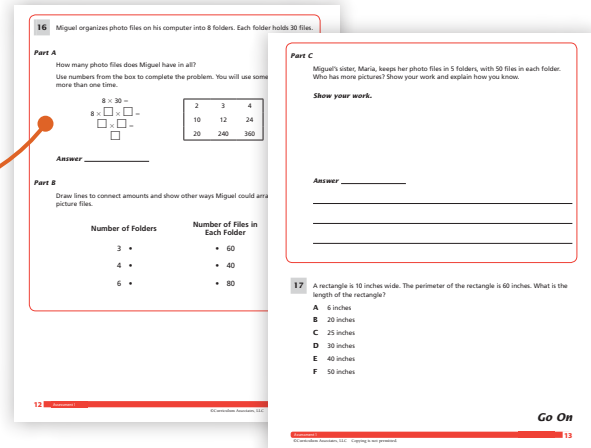
UDL Process Toolkit

Our UDL Process Toolkit supports teachers and students in identifying and removing barriers to learning—ensuring rigorous mathematics learning is accessible to all.

C Assessment Practice

Monitor student progress on grade-level standards.

- **Grade-level practice tests** E/S
use a variety of problems and question types in line with the rigor of the California Assessment of Student Performance and Progress.
- Teacher's Guides provide administration guidance, answer keys, and standards correlations.



Example of Assessment Practice Test

E/S = Available in English and Spanish

D Classroom Resources

The Classroom Resources tab contains a variety of print and digital resources:

- The **Whole Class Instruction** section includes a wealth of resources to Teach and Assess.
- The **Small Group Differentiation** section includes resources that are designed to meet the needs of all learners.

Whole Class Instruction Columns 1–3

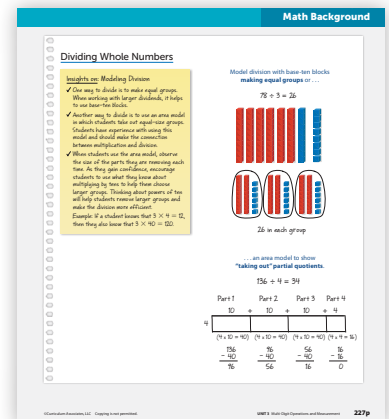
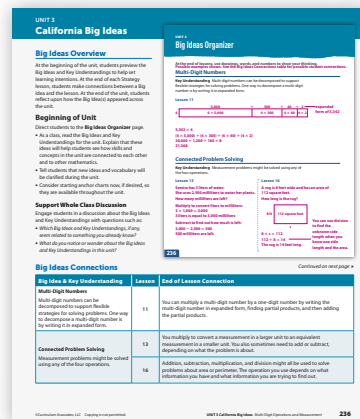
Whole Class Instruction			Small Group Differentiation			
Teach		Assess	Prepare	Reteach	Reinforce	Extend
Instruction & Practice	Interactive Tutorials	Lesson Quizzes & Unit Assessments	Prerequisite Lessons	Tools for Instruction	Math Center Activities	Enrichment Activities
Unit 1: Whole Numbers: Place Value, Comparison, Addition, and Subtraction						
Unit 1: Beginning of Unit						

1 Teach:

Instruction & Practice includes resources for planning and supporting daily instruction and practice:

- Teacher's Guide PDFs E/S
- Student Worktext PDFs E/S
- Professional Learning Videos
- Math Background Pages E/S
- Activity Sheets E/S
- Editable PowerPoint® Slides E/S
- Family Letters E/S
- Fluency and Skills Practice E/S
- Cumulative Practice E/S
- Unit Games E/S
- Literacy Connection Activities E/S
- Digital Math Tools

Make sure to check out these **Instruction & Practice highlights**:



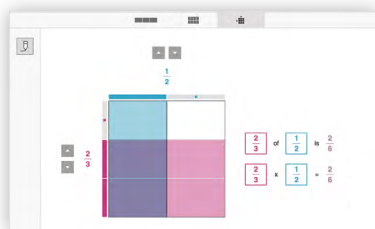
Big Ideas Organizer E/S

The Big Ideas Organizer is used at the end of the lesson as teachers facilitate discussion that encourages students to find examples of Big Ideas and Key Understandings in the lesson.

Math Background Pages E/S

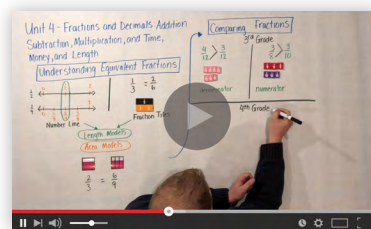
These pages provide tips and insights about the models taught and how they progress throughout a unit.

Student PDFs can be assigned through any learning management system (LMS)!



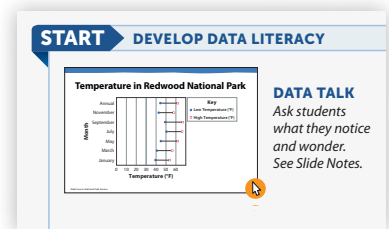
Digital Math Tools

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



Unit Flow & Progression Videos

The Unit Flow & Progression Videos show how concepts build in each unit and include ideas for using the models and making connections. *Closed captioned in English and Spanish and available for parents too!*



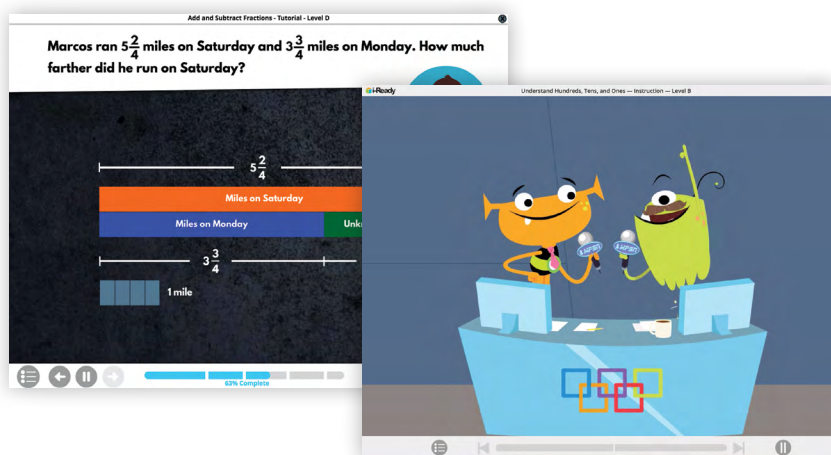
PowerPoint Slides E/S

These editable slides support each day of instruction from beginning to end and include Data Talks to support data literacy. Also available as Google Slides™!

E/S = Available in English and Spanish

Microsoft PowerPoint® is a registered trademark of Microsoft Corporation. Google Slides™ is a licensed brand feature of Google, LLC.

- 2 Teach:**
Interactive Tutorials
are videos that engage students during whole class instruction.

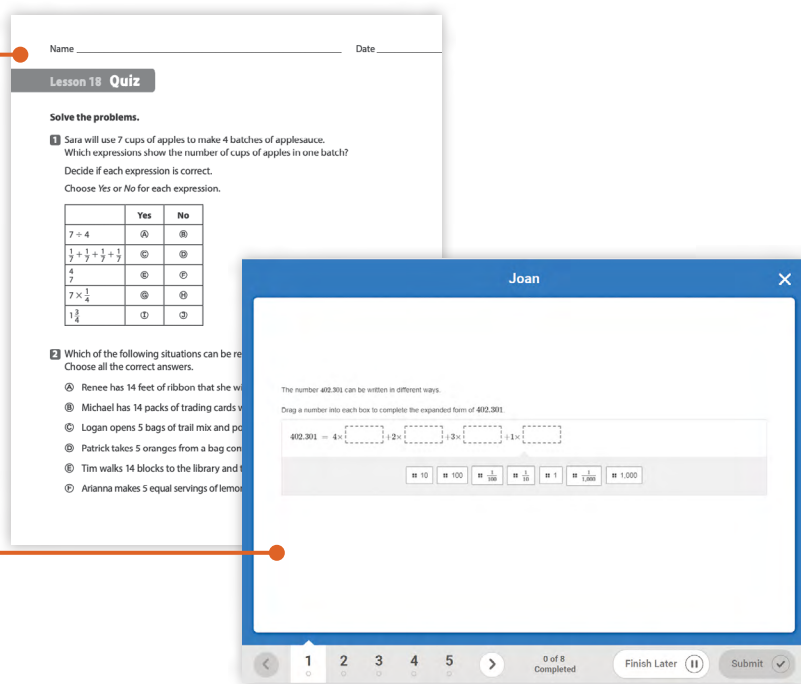


- 3 Assess:**
Lesson Quizzes & Unit Assessments
evaluate student understanding of content through a variety of item types.

- **Lesson Quizzes** E/S
- **Mid-Unit Assessments** E/S
(Forms A and B)
- **End-of-Unit Assessments** E/S
(Forms A and B)
- **Digital Assessments** E/S

For a digital alternative to PDF assessments, assign the **Comprehension Checks**.

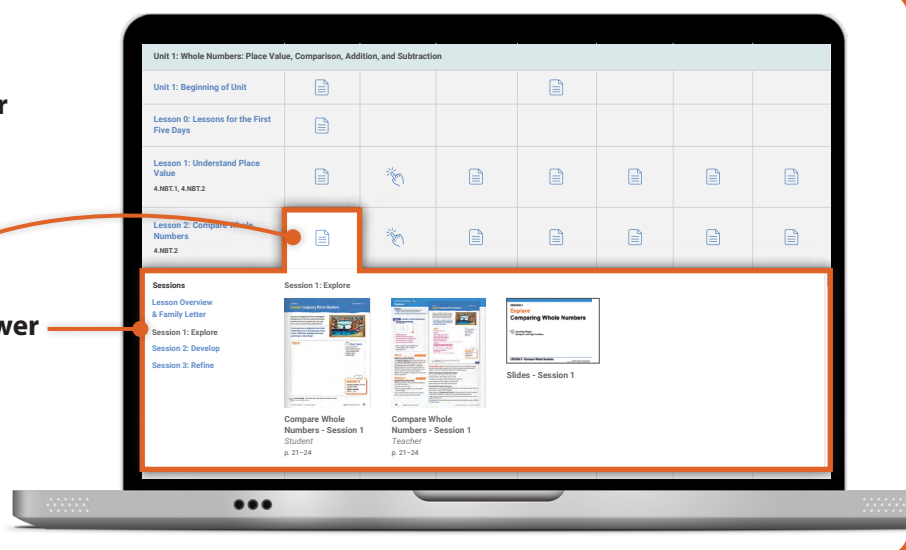
*These are found in the Digital Assessment section.
See [page 13](#) for more information.*



Quick Tip

To view the resources at the unit or lesson level under the **Classroom Resources** tab:

- **Click on the appropriate icon** to expand or collapse.
- **Scroll within the expanded drawer** to explore all resources.



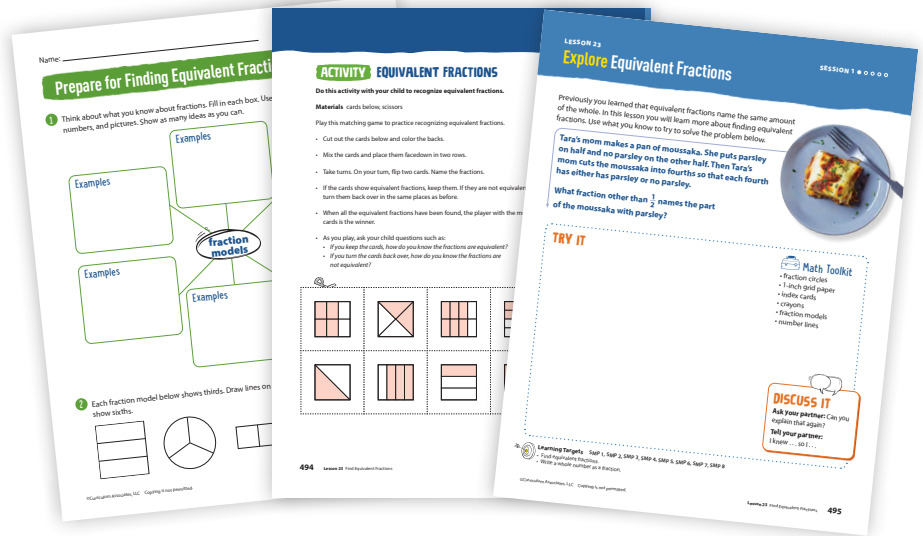
E/S = Available in English and Spanish

D Classroom Resources, Cont'd.

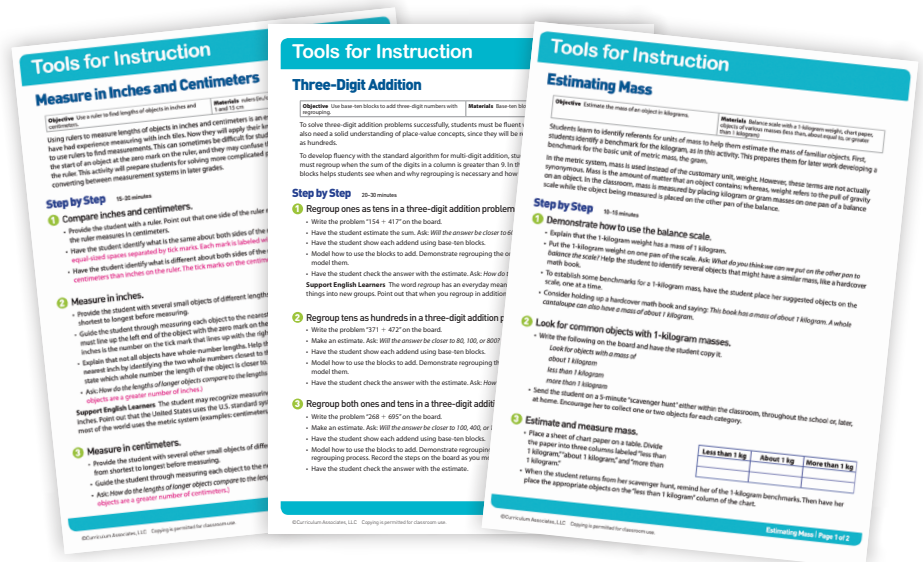
Small Group Differentiation Columns 4–7

	Whole Class Instruction		Small Group Differentiation			
	Teach		Assess			
	Instruction & Practice	Interactive Tutorials	Lesson Quizzes & Unit Assessments			
Unit 1: Whole Numbers: Place Value, Comparison, Addition, and Subtraction				4	5	6
Unit 1: Beginning of Unit						
Lesson 0: Lessons for the First Five Days						

4 Prepare:
Prerequisite Lessons **E/S**
from previous grade levels help address students' unfinished learning.



5 Reteach:
Tools for Instruction **E/S**
are targeted lessons for reteaching skills and concepts in a different way.

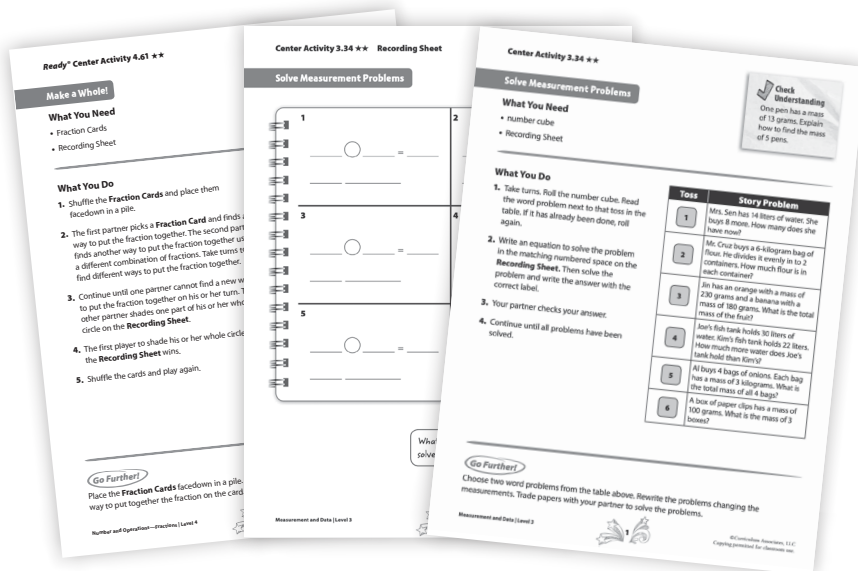


E/S = Available in English and Spanish

6 Reinforce:

Math Center Activities E/S

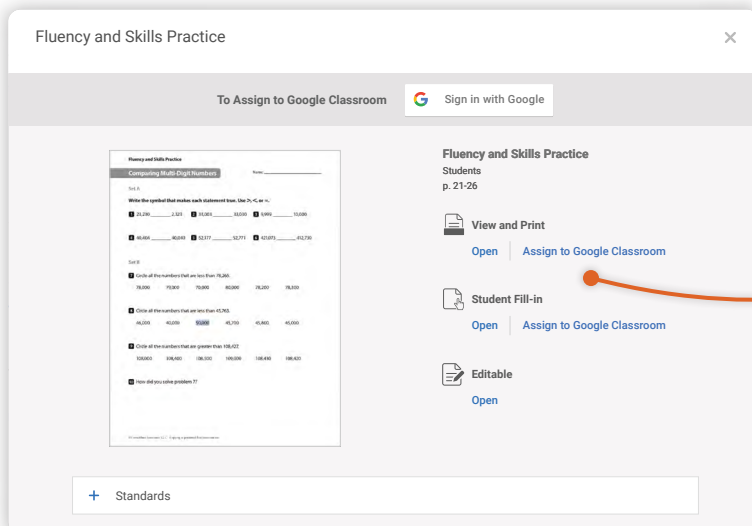
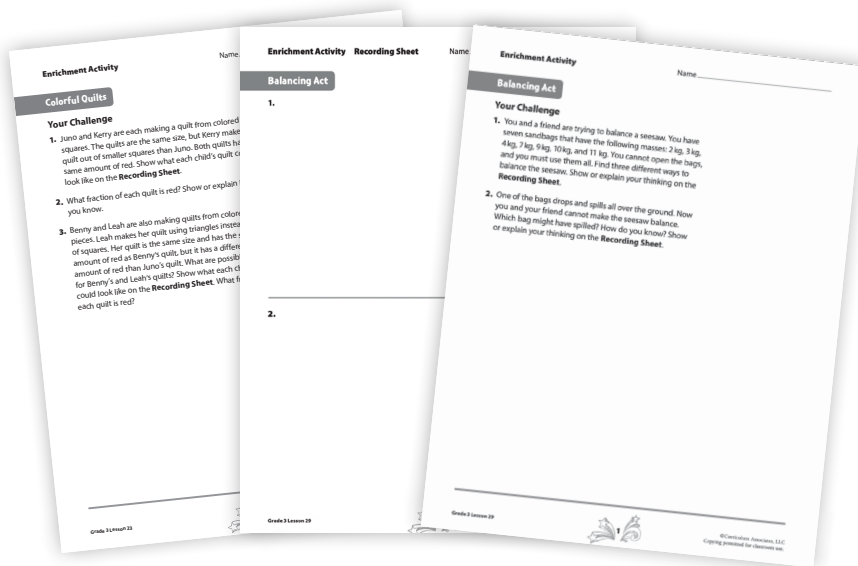
reinforce on-level skills through differentiated centers (On Level, Below Level, and Above Level).



7 Extend:

Enrichment Activities E/S

strengthen and advance student understanding of lesson concepts.



- Student PDFs work with any LMS!
- Easily assign resources to Google Classroom.



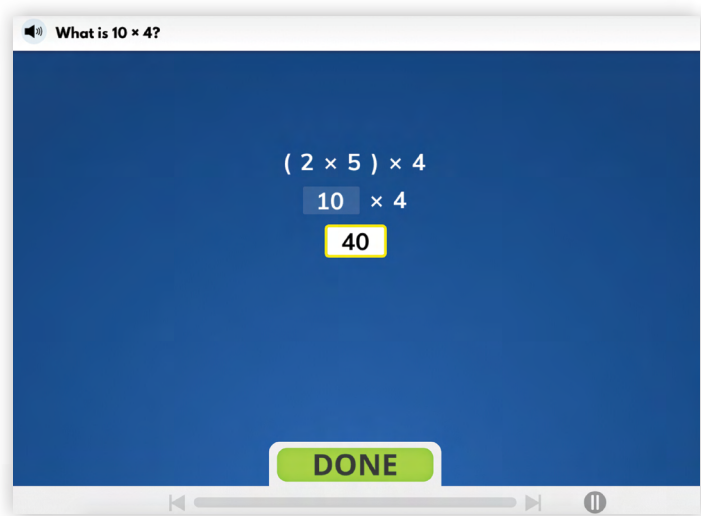
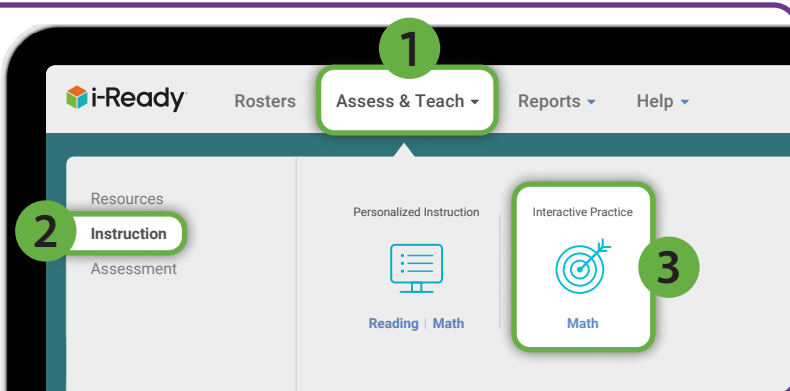
Google Classroom

E/S = Available in English and Spanish

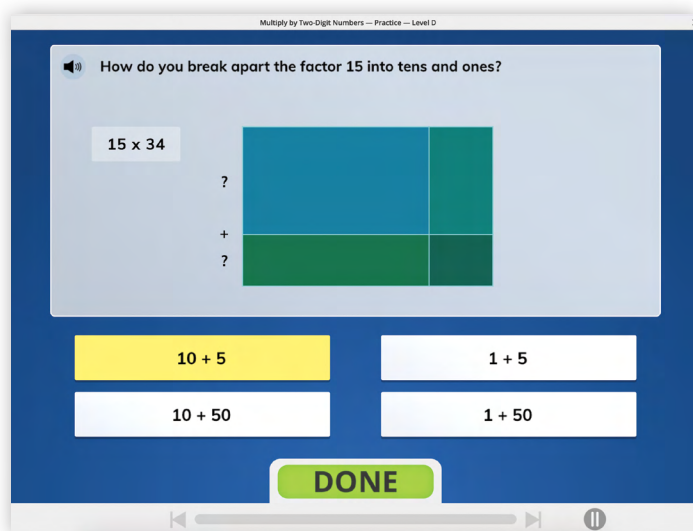
Navigate to: Interactive Practice

Help students build understanding and fluency in the grade-level concepts they need support with the most using digital practice. Interactive Practice gives students immediate feedback to encourage perseverance and keep them on track.

- 1 Click on **Assess & Teach**.
- 2 Select **Instruction** from the category on the left.
- 3 Select **Math** below the *Interactive Practice* icon.



**Example of Grade 3
Interactive Practice:**  Short Response

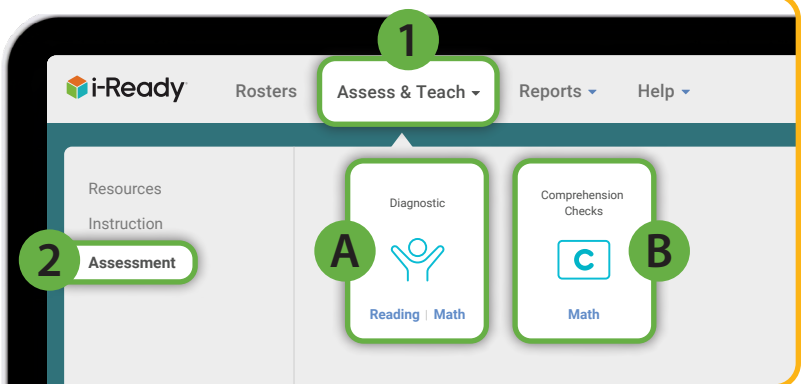


**Example of Grade 4
Interactive Practice:**  Multiple Choice

Navigate to: Digital Assessment

Gain insights to inform instructional decisions using digital assessments. Through this Assessment section, teachers can assign a variety of digital assessments to measure student learning and growth.

- 1 Select **Assess & Teach**.
- 2 Select **Assessment** from the category on the left.
 - A Select **Math** below the **Diagnostic** icon. *OR*
 - B Select **Math** below the **Comprehension Checks** icon.



A Diagnostic E/S

The Diagnostic is an adaptive, online assessment that provides comprehensive insight into student learning and growth across all Grades K–12 skills. This assessment drives key reports, including the Grade-Level Planning (Prerequisites) report and Diagnostic Results report, that provide data for instructional decisions based on students' needs. To learn more about these reports, see [pages 14–15](#).

B Comprehension Checks E/S

Comprehension Checks with technology-enhanced items are digital assessments comparable to the Lesson Quiz, Mid-Unit Assessment, or End-of-Unit Assessment. Teachers can assign the premade Comprehension Check, or they can add or remove problems in the question set to meet their unique class needs.

E/S = Available in English and Spanish

Navigate to: Reports

Diagnostic, Instruction, and Comprehension Checks: Understand your students better and plan for effective instruction with in-depth reports. A few program highlights are listed below. To see more reports, check out the Digital Assessment Reports Sampler.

1 Select **Reports**.

A Locate **Diagnostic**.

B Locate **Instruction**.

C Locate **Comprehension Checks**.

A Diagnostic

Provides insights on students' prior knowledge for effective instructional decision making

Grade-Level Planning (Prerequisites) ▾

Subject: Math

Class/Report Group: I. Graves - Grade 4, S...

Grade: 4

Unit: Unit 3 (Lessons 14-16) ▾

Know the Math: Classroom Mathematics California

Unit Overview

Unit 3: Multi-Digit Operations and Measurement: Multiplication, Division, Perimeter and Area

In Lessons 14-16 of this unit, students use what they know about place value, multiplication, and division to divide three- and four-digit numbers by one-digit divisors. They will also build on the...

+ Show More

Unit Flow and Progression (03:23)

Learning Progression

Identify Class Prerequisite Needs

3 6 8 3

Group A Group B Group C Group D

Unit Group A: Understand Grouping 3 Students

Unit Group B: Understand Grouping 5 Students

Unit Group C: Understand Grouping 8 Students

Unit Group D: Understand Grouping 3 Students

View All Students

Maximize Whole Class Instruction

Focus on grade-level instruction, integrating On-the-Spot Teaching Tips to support students' connections to prerequisite skills. As needed, use the Recommended Resources to provide additional support for addressing prerequisite content ahead of upcoming lessons.

Unit and Lesson Support (On-the-Spot Teaching Tips)

Yearly Pacing for Prerequisites

Prerequisite Skills for Upcoming Instruction

As you plan upcoming instruction, consider recommended resources for prerequisite skills while maintaining pace with grade-level instruction.

Key

Lesson 14: Divide Three-Digit Numbers

Lesson 15: Divide Four-Digit Numbers

Understand the relationship between multiplication and division (Priority Prerequisite Skill)

3 6 8 3

Group A Group B Group C Group D

View Resources ▾

Grade-Level Planning (Prerequisites) Report

Accelerate learning for all students by understanding each student's needs in relation to upcoming grade-level lessons in *Classroom Mathematics California* with the Grade-Level Planning (Prerequisites) report.

Learning Progression

Understand the coherence of standards across previous grade levels to help uncover students' prerequisite skills needs and accelerate their learning.

Whole Class Instruction

Gain better insight into class-level prerequisite needs with tips on how to maximize whole class, grade-level instruction in *Classroom Mathematics California*.

Small Group Instruction

Understand students' needs for prerequisite skills for *Classroom Mathematics California* lessons, and access embedded resources to address student needs from directly within the report.

Example of Grade 4 Report

B Instruction

Provides real-time snapshots of student progress and behaviors toward learning

Learning Games—Factors of Learning report indicates how students approach the games from a learning–motivational perspective, through different categories:

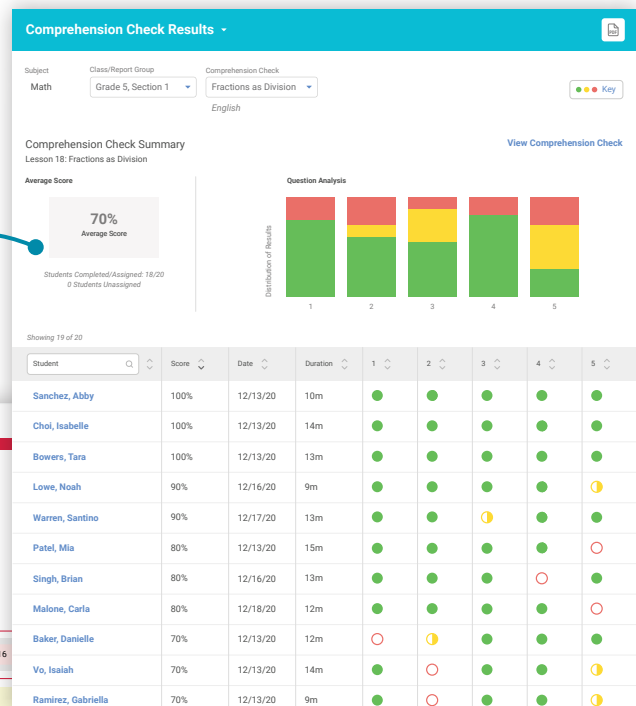
- Growth Mindset
- Confidence
- Productive Strategy
- Self-Regulation

Name	Growth Mindset	Confidence	Productive Strategy	Self-Regulation
Aiden	Medium	High	Medium	High
Bailey	High	Medium	High	Medium
Camila	Medium	Medium	Medium	Medium
Chloe	Medium	Medium	High	Medium
Dylan	Medium	Medium	Medium	Medium
Griffin	Medium	Medium	Medium	Medium
Henry	Medium	Medium	High	High
Huntley	Medium	Medium	High	Medium
Jackson	Medium	Medium	Medium	Medium

C Comprehension Checks

Provides in-depth analysis of student understanding of lesson and unit concepts

Intuitive **item analysis** identifies specific needs for whole class or small group instruction.



Response analysis outlines the rationale for typical incorrect responses, helping teachers find common misconceptions.

Item 1

The picture shows a rectangular prism that Katie built.

Complete the statement to determine how many unit cubes Katie used to build the prism.
Enter your answer in the boxes.

This prism has 2 layers and 8 × unit cubes in each layer, so the prism has 16

Correct answers: 1 16 2 32

Students may have an incorrect response because they do not understand how to find the number of cubes in a layer, or the total number of cubes in a rectangular prism made of unit cubes.

Students who answered 8 unit cubes in each layer and 16 cubes in the prism may have counted the number of horizontal layers correctly but then used the number of cubes on the front instead of the prism to find the number of cubes per layer.

Students who answered 4 unit cubes in each layer and 8 cubes in the prism may have counted the cubes from left to right to find the number of cubes per layer.

Student who answered 16 unit cubes in each layer and 16 cubes in the prism likely did not take into account that there are two layers.

Item 2

The number 402.301 can be written in different ways.

Drag a number into each box to complete the expanded form of 402.301.

402.301 = 4 × 100 + 2 × 10 + 3 × 1 + 3 × 1/10 + 0 × 1/100 + 1 × 1/1000

Correct answers: 1 100 2 10 3 1 4 1/1000

Students may have an incorrect response because they do not understand how to write a decimal number in expanded form.

Students may have thought 2 × 10 represents the 2 in the ones place, because they do not recognize 1 as a power of 10.

Students may have thought 1 × 1/1000 represents the 1 in the thousandths place because the hundredths place is the next place to the right of tenths.



To See More Reports
Check out the Digital
Assessment Reports Sampler.



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!



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