

# Teacher Digital Experience

*Walkthrough*



Grades

**2-5**

# Empower Student Growth with an Effective and Connected Learning System

i-Ready Classroom Mathematics teaching and learning resources are accessible through [i-ReadyConnect.com](https://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

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

Set Up a Demo Account . . . . .

Teacher Dashboard . . . . .

Teacher Toolbox . . . . .

Program Implementation. . . . .

Assessment Practice . . . . .

Classroom Resources . . . . .

Interactive Practice . . . . .

Digital Assessment . . . . .

Reports . . . . .

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14

# 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

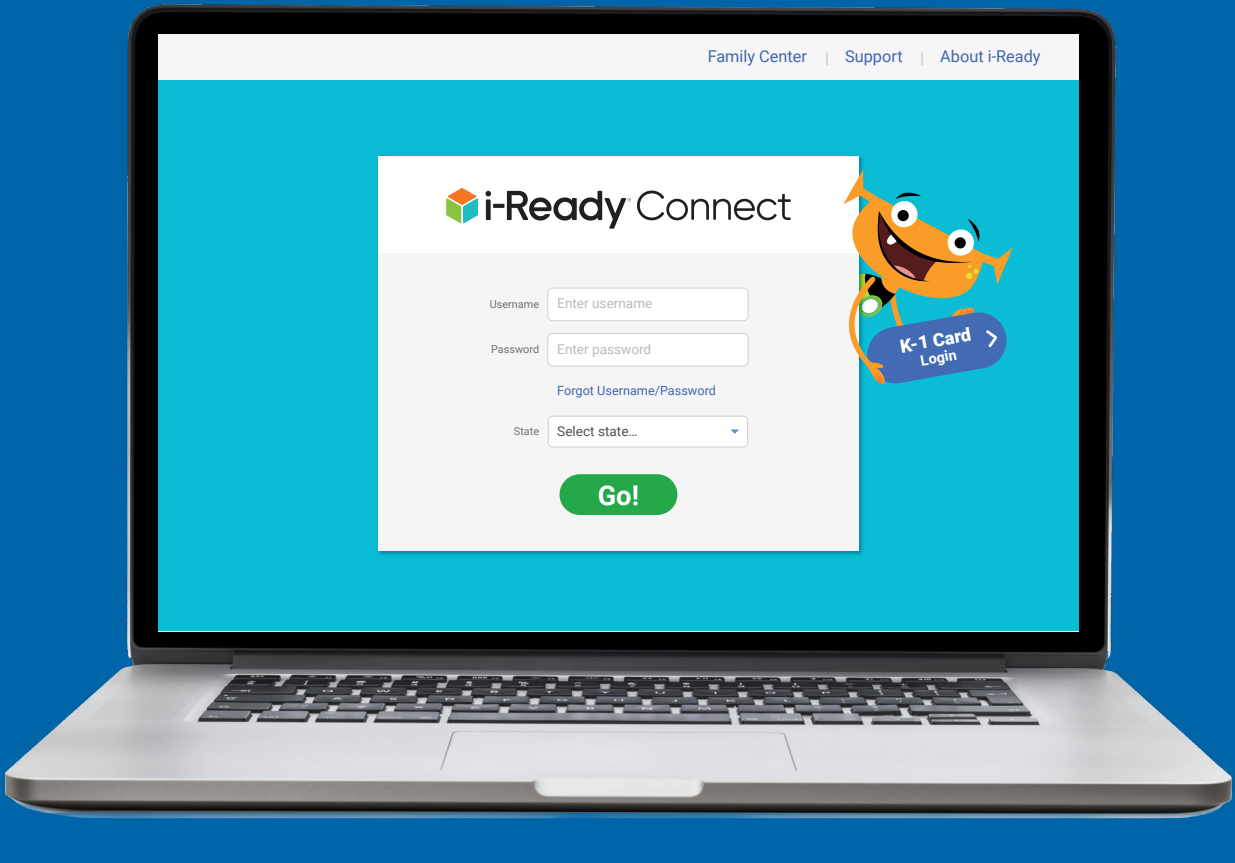
**Adaptive Learning Games and Reports**  
Playful fluency practice allows students to explore essential skills in a low-stakes setting. In-depth reports offer teachers real-time snapshots of skills progress and growth mindsets.  
Page 15

# Set Up a Demo Account

## Get Started

To get started with your *i-Ready Classroom Mathematics* demo account:

- 1 Your Curriculum Associates representative may have provided a demo access code. If not, email [ReadyClassroomReviewAccess@cainc.com](mailto:ReadyClassroomReviewAccess@cainc.com) for a free trial.
- 2 Go to [PD.i-Ready.com/Login/PD](https://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 your **state**.
- 6 Select **Go!**



## Navigate to: Teacher Dashboard

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

**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, 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.**

**Overall Placement**

3	4	9	1	3
15%	20%	45%	5%	15%

**Grade-Level Support**  
Tools to address unfinished learning

**Teacher Toolbox**  
Instructional material and resources

**Online Educator Learning**  
Online courses that complement teacher PD

**Success Central**  
Tips, tools, and guidance to support use

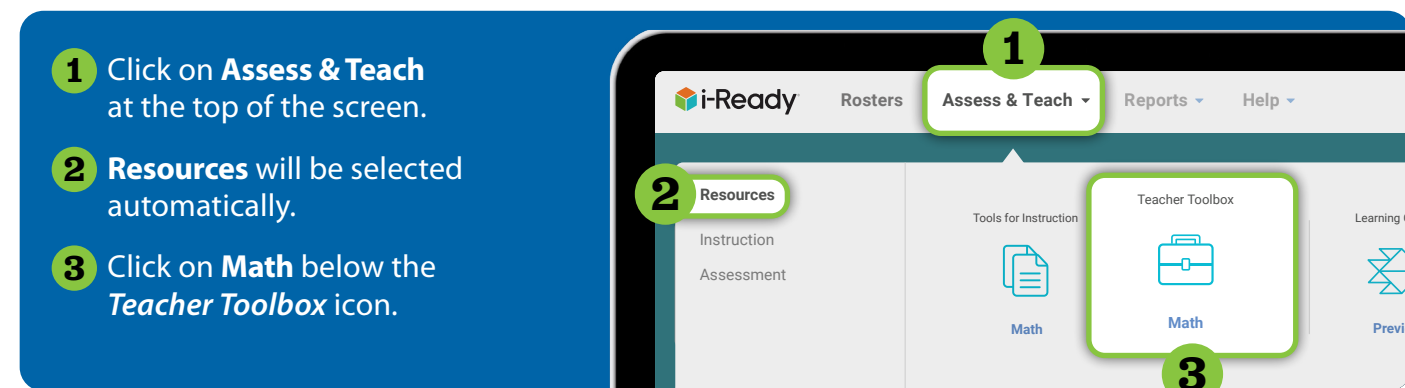
**Tools and Tips**  
Kit for Using Data to Plan Instruction

**Explore Domain Placements** **Explore Unit Groups by Prerequisite**



# Navigate to: Teacher Toolbox

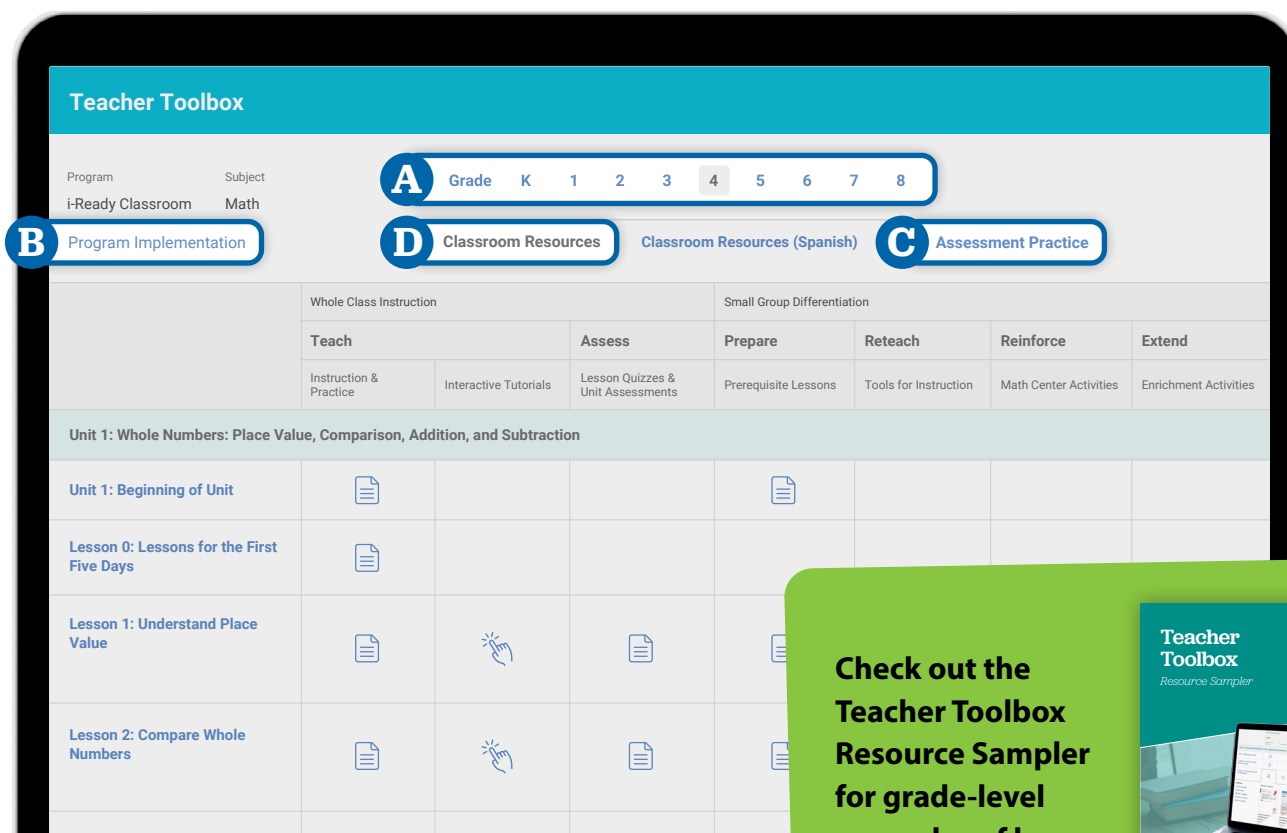
Easily access all *i-Ready Classroom Mathematics* materials on the Teacher Toolbox.  
Resources are conveniently organized to match the print materials, making navigation a breeze.



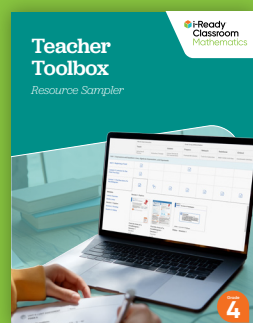
What's inside the Teacher Toolbox?

## A All Grades K–8 Resources in One Place

The Teacher Toolbox for *i-Ready Classroom Mathematics* 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

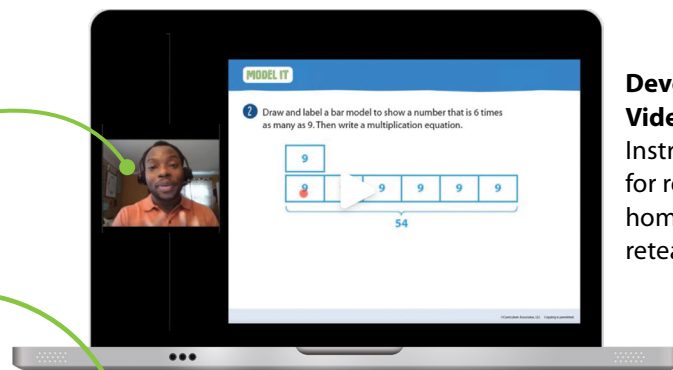
- **Develop Session Video Library**
- Discourse Cards <sup>E/S</sup>
- Activity Sheets <sup>E/S</sup>
- Graphic Organizers <sup>E/S</sup>
- **Grade Level Games (Grades K–2)** <sup>E/S</sup>
- Digital Math Tools
- Digital Math Tools—Support Videos

### Implementation Support

- Student Handbook <sup>E/S</sup>
- Multilingual Glossary <sup>E/S</sup>
- Bilingual Glossary <sup>E/S</sup>
- Academic Vocabulary Glossary <sup>E/S</sup>
- Manipulatives List
- **WIDA PRIME V2 Correlation**
- Try–Discuss–Connect Routine Resources
- Digital Resource Correlations
- Comprehension Check Correlation Guides

### 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
- Correlations
- Yearly Pacing
- Acknowledgments



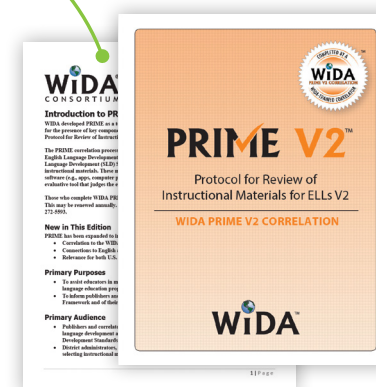
### Develop Session Video Library

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



### Grade Level Games

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



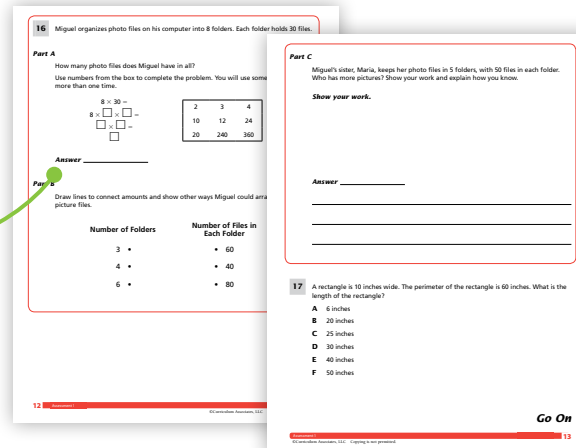
### WIDA PRIME V2 Correlation

*i-Ready Classroom Mathematics* correlates to the WIDA Standards Framework and the English and Spanish Language Development Standards, providing best-in-class support for English Learners.

## C Assessment Practice

Monitor student progress on grade-level standards.

- **Grade-level practice tests** <sup>E/S</sup> use a variety of question types to help students prepare for high-stakes assessments.
- Teacher's Guides provide administration guidance, answer keys, and standards correlations.



Example of Assessment Practice Test

<sup>E/S</sup> = Available in English and Spanish













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

- ## Whole Class Instruction *Columns 1–3*

# 1 Teach:

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

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

# Add and Subtract Fractions


**Dear Family,**

This week your child is learning how to add and subtract fractions with like denominators.

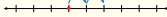
Fractions with the same number below the line have like denominators.

like denominator  $\frac{1}{4}$  and  $\frac{2}{4}$  unlike denominator  $\frac{1}{4}$  and  $\frac{1}{2}$

To find the sum of fractions with like denominators, understand that you are adding the numerators. Just as 3 apples plus 2 apples is 5 apples, 2 eighths plus 2 eighths is 4 eighths. Similarly, when you take away, or subtract, 2 eighths from 5 eighths, you have 3 eighths left.



You can also use a number line to understand adding and subtracting like fractions.







Remember that the denominator names units the same way that "apples" names units.


So, when you add two fractions with like denominators, the sum of the numerators will have more of those units you have.



When you subtract two fractions with like denominators, the difference of the numerators will have many of those units you have.


Help your child to share what you know about adding and subtracting fractions by doing the following activity together.



-  Copy
-  Download



-  Number Line
-  Place Mats



# Math Background

## Dividing Whole Numbers

**Longhand Division**

- ✓ One way to divide is to make equal groups. When working with whole dividends, it helps to use base ten blocks.
- ✓ Another way to divide is to use an area model and partial products. Subt and repetitive groups using base ten blocks are helpful when using this method and dividing using the concrete to abstract multiplication and division.
- ✓ When students use the area model, shorter sides of the part they are removing each time, they give them clues, encouraging them to use the distributive property when multiplying by tens to help find their answer. This strategy is helpful when using base ten blocks because larger groups and smaller groups are used.

*Example: If a student knows that  $12 \times 6 = 72$ , then they know that  $72 \div 6 = 12$ .*

**Model: division with base ten blocks**

**making equal groups of ...**

$72 \div 3 = 24$

24 in each group

...are area models to show  
"taking out" partial quotients.

	Part 1	Part 2	Part 3	Part 4
4	$\frac{30}{-10}$	$\frac{30}{-10}$	$\frac{30}{-10}$	$\frac{30}{-10}$
	$\frac{20}{-10}$	$\frac{20}{-10}$	$\frac{20}{-10}$	$\frac{20}{-10}$
	$\frac{10}{-04}$	$\frac{10}{-04}$	$\frac{10}{-04}$	$\frac{10}{-04}$
	$\frac{00}{-00}$	$\frac{00}{-00}$	$\frac{00}{-00}$	$\frac{00}{-00}$

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Unit 4: Fractions and Decimals

### Understanding Equivalent Fractions

Number Line:  $\frac{3}{4}$   $\frac{6}{8}$

Circle Diagram:  $\frac{3}{4}$  (3 out of 4 parts shaded)

Equation:  $\frac{3}{4} = \frac{6}{8}$

### Comparing Fractions

Number Line:  $\frac{3}{4} > \frac{1}{2}$

Number Line:  $\frac{3}{4} > \frac{1}{3}$

### Simplifying Fractions

Boxed Fractions:  $\frac{3}{4}$  (3/4 simplified to 3/4)

Boxed Fractions:  $\frac{3}{4}$  (3/4 simplified to 3/4)

## Start

### Same and Different

$\frac{1}{12} + \frac{11}{12}$

1

$\frac{12}{12}$

$\frac{6}{12} + \frac{6}{12}$

**E/S** = Available in English and Spanish

## Interactive Tutorials

And Subtract Fractions - Tutorial - Level D

Marcos ran  $5\frac{2}{4}$  miles on Saturday and  $3\frac{3}{4}$  miles on Monday. How much farther did he run on Saturday?

100 Ready

Understand Hundreds, Tens, and Ones - Instruction - Level B

## Lesson Quizzes & Unit Assessments

Name \_\_\_\_\_

Date \_\_\_\_\_

## Lesson 18 **Quot**

### Solve the problems.

**1** Sara will use 7 cups of apples to make 4 batches of applesauce.  
Which expressions show the number of cups of apples in one batch?  
Decide if each expression is correct.  
Choose Yes or No for each expression.

	Yes	No
$7 \div 4$	<input type="radio"/>	<input type="radio"/>
$\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$	<input type="radio"/>	<input type="radio"/>
$\frac{4}{7}$	<input type="radio"/>	<input type="radio"/>
$7 \times \frac{1}{4}$	<input type="radio"/>	<input type="radio"/>
$1\frac{3}{4}$	<input type="radio"/>	<input type="radio"/>

**2** Which of the following situations can be represented by division?  
Choose all the correct answers.


- ☐ Renee has 14 feet of ribbon that she will use to make 4 bows.
- ☐ Michael has 14 packs of trading cards and he wants to share them equally with 4 friends.
- ☐ Logan opens 5 bags of trail mix and pours the contents into 4 bowls.
- ☐ Patrick takes 5 oranges from a bag containing 14 oranges.
- ☐ Tim walks 14 miles to the library and then back home.
- ☐ Arianna makes 5 equal servings of lemonade from 14 lemons.

The number 402,301 can be written in different ways.

Drag a number into each box to complete the expression.

$$402,301 = 4 \times \boxed{\phantom{000}} + 2 \times \boxed{\phantom{000}}$$

11 of 11

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

Joan
✕

The number 402,301 can be written in different ways.

Drag a number into each box to complete the expanded form of 402,301.

$402,301 = 4 \times \boxed{\phantom{000}} + 2 \times \boxed{\phantom{000}} + 3 \times \boxed{\phantom{000}} + 1 \times \boxed{\phantom{000}}$

10
100
 $\frac{1}{10}$ 
 $\frac{1}{100}$ 
1
 $\frac{1}{1,000}$ 
1,000

<
1
2
3
4
5
>

0 of 8 Completed
Finish Later
Submit

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

- 
- The screenshot displays a digital interface for a math unit. At the top, a header reads "Unit 1: Whole Numbers: Place Value, Comparison, Addition, and Subtraction". Below this is a table with three rows of lessons. The first row is "Unit 1: Beginning of Unit", the second is "Lesson 8: Lessons for the First Five Days", and the third is "Lesson 1: Understand Place Value". To the left of the table is a sidebar with a "Sessions" section containing "Lesson Overview", "Family Letter", "Session 1: Explore", "Session 2: Develop", and "Session 3: Refine". A green line points from the word "Power" to the "Session 1: Explore" option. Below the sidebar, there are three preview cards: "Session 1 Student", "Session 1 Teacher", and "Slides - Session 1".
- | Unit 1: Whole Numbers: Place Value, Comparison, Addition, and Subtraction |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|
| Unit 1: Beginning of Unit   |  |  |  |  |  |  |  |  |  |
| Lesson 8: Lessons for the First Five Days                                 |  |  |  |  |  |  |  |  |  |
| Lesson 1: Understand Place Value  |  |  |  |  |  |  |  |  |  |
| Lesson 2: Compare and Order Numbers                                       |  |  |  |  |  |  |  |  |  |
- Sessions**
- Lesson Overview
  - Family Letter
  - Session 1: Explore
  - Session 2: Develop
  - Session 3: Refine
- Session 1: Explore**
- Session 1 Student**
- Session 1 Teacher**
- Slides - Session 1**

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D Classroom Resources, Cont'd.

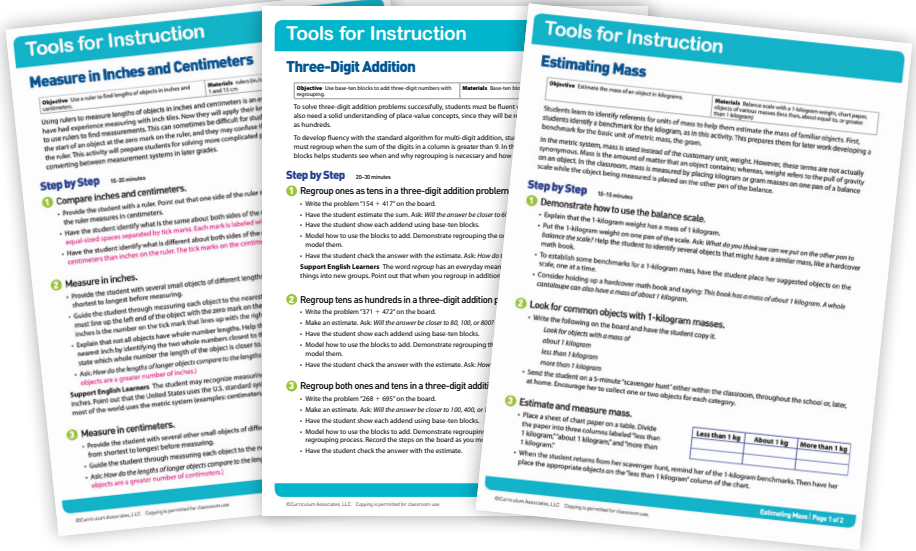
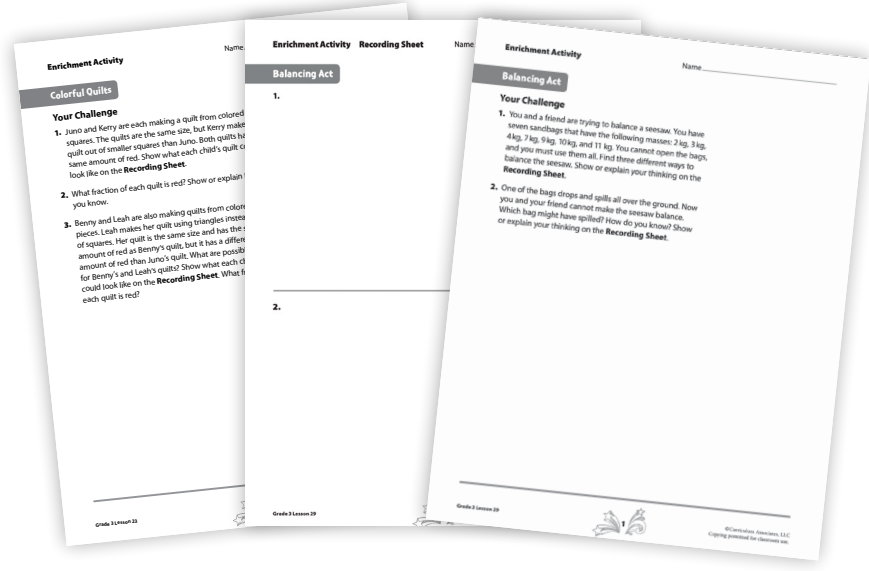
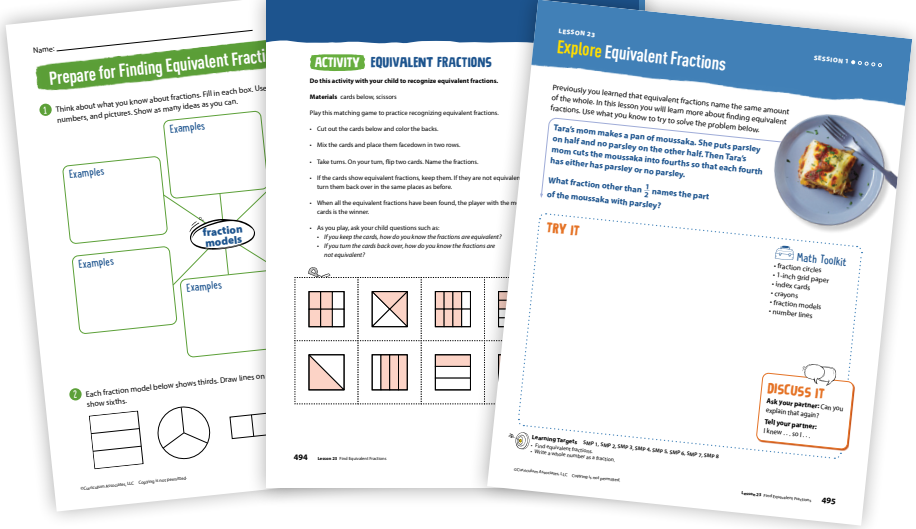
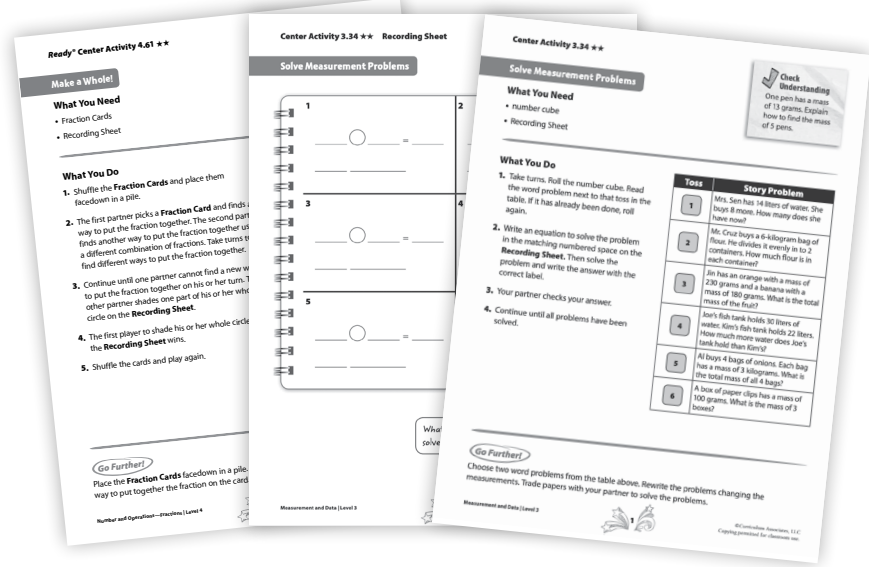
Small Group Differentiation Columns 4–7				
Whole Class Instruction			Small Group Differentiation	
Teach		Assess	Prepare	Extend
Instruction & Practice	Interactive Tutorials	Lesson Quizzes & Unit Assessments	Prerequisite Lessons	Enrichment Activities
Unit 1: Whole Numbers: Place Value, Comparison, Addition, and Subtraction			4	7
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.

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.



Fluency and Skills Practice

To Assign to Google Classroom

Fluency and Skills Practice Students p. 21-26

View and Print

Student Fill-in

Editable

Standards

• Student PDFs work with any LMS!

• Easily assign resources to Google Classroom.

E/S = Available in English and Spanish

E/S = Available in English and Spanish

# Navigate to: Interactive Practice

Help students build understanding and fluency on 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.

What is  $10 \times 4$ ?

$(2 \times 5) \times 4$   
 $10 \times 4$   
**40**

**DONE**

**Example of Grade 3  
Interactive Practice:** E/S  
Short Response

Multiply by Two-Digit Numbers — Practice — Level D

How do you break apart the factor 15 into tens and ones?

$15 \times 34$

?  
+  
?

**10 + 5**      1 + 5  
10 + 50      1 + 50

**DONE**

**Example of Grade 4  
Interactive Practice:** E/S  
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 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](#).

There are 4 rows of oranges in a box. Each row has 6 oranges. Which equation shows the total number of oranges in the box?

$4 + 4 = 8$   
 $4 \times 4 = 16$   
 $4 + 6 = 10$   
 **$4 \times 6 = 24$**

**DONE**

## 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.

The number 402,301 can be written in different ways. Drag a number into each box to complete the expanded form of 402,301.

$402,301 = 4 \times \boxed{\phantom{000}} + 2 \times \boxed{\phantom{000}} + 3 \times \boxed{\phantom{000}} + 1 \times \boxed{\phantom{000}}$

$\frac{1}{10}$   $\frac{1}{100}$   $\frac{1}{1000}$   $\frac{1}{10}$   $\frac{1}{100}$   $\frac{1}{1000}$   $\frac{1}{1000}$

1 2 3 4 5 0 of 8 Completed **Finish Later** **Submit**

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

## Prerequisites Report

Use the Prerequisites report to address unfinished learning, either during small group instruction or whole class instruction, depending on the needs of the class.

### Learning Progression

Understand the coherence of standards across previous grade levels to help uncover and address students' unfinished learning.

### Whole Class Instruction

Use this pacing and guidance to adjust lesson plans to address prerequisites during whole class instruction when most students have similar learning needs.

- Teach Prerequisite Lessons.
- Consolidate other lessons in the unit.
- Use on-the-spot prerequisite support during grade-level instruction.

### Small Group Instruction

Strategically pace the recommended resources throughout the unit with small groups of students to address their similar learning needs.

## 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

<input type="checkbox"/> Not enough data	<input type="checkbox"/> Medium	Sort by: Student Name		
<input type="checkbox"/> Low	<input type="checkbox"/> High			
Name	Growth Mindset	Confidence	Productive Strategy	Self-Regulation
Aiden				
Bailey				
Camila				
Chloe				
Dylan				
Griffin				
Henry				
Huntley				
Jackson				

## 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.

**Digital Assessment Reports Sampler**

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

Learn more at  
[i-ReadyClassroomMathematics.com/24](https://i-ReadyClassroomMathematics.com/24).

To see how other educators are maximizing their  
*i-Ready Classroom Mathematics* experience, follow us on social media!



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



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



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



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



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