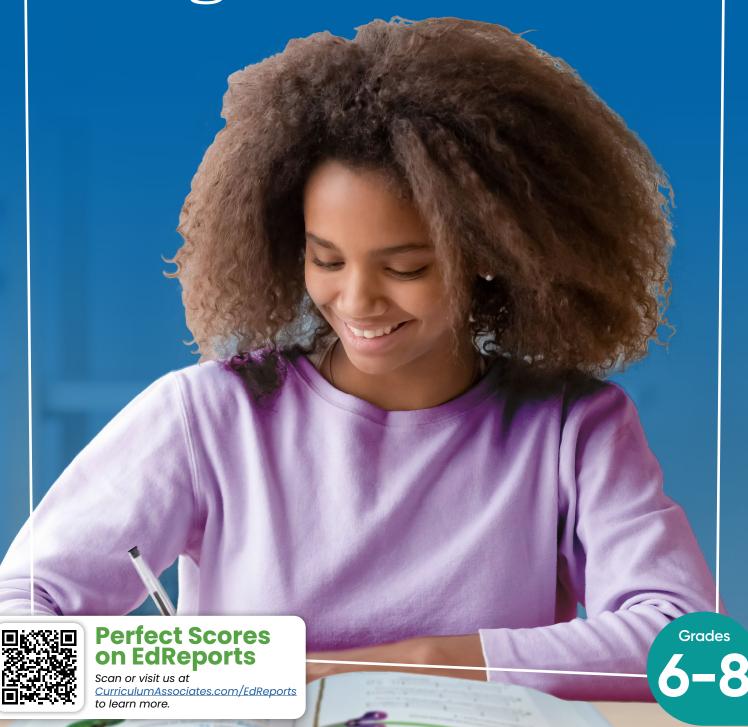
# \*i-Ready Classroom Mathematics

# Program Overview



### It's why you became a teacher.

You can tell when the light bulb goes on for your students.

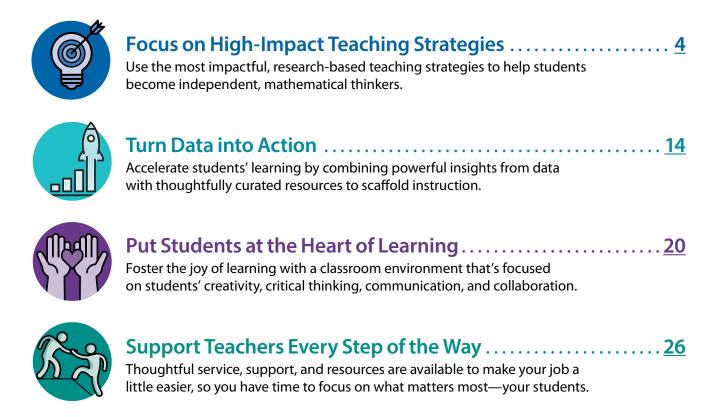
It could be in their eyes or a glowing smile, a subtle change in posture, or a shift in the tone of their voice.

When they know they've got it, they couldn't be prouder—and neither could you.

# These magical moments stay with you forever.



i-Ready Classroom Mathematics is a comprehensive math curriculum for Grades K-8 designed to help you create those "aha!" moments every day for every student. Here's how...



For a full list of program components available in English and Spanish, see pages 34–35.

# Promote Meaningful Math Learning with a Purposeful Plan

Make the best use of instructional time. The lessons in *i-Ready Classroom Mathematics* span multiple days and integrate standards to help students make connections and develop a deep conceptual understanding of the mathematics.

# Three Types of Lessons

#### **Strategy Lessons**

Majority of Lessons in the Program

Help students make important connections and deepen their understanding while they acquire and develop mathematical skills and strategies.

#### **Understand Lessons**

Lessons That Begin with "Understand"

Dedicate time to introduce students to new ideas conceptually before they use those ideas in problem situations.

#### **Math in Action Lessons**

Lesson at the End of Each Unit

Review and apply unit content and teach students how to develop complete responses to multistep performance tasks.

### Structure of a Lesson

Within a lesson, each session (or "day") plays a different role in supporting students' understanding. This provides students with a variety of experiences and gives them the time they need to develop conceptual understanding, build procedural fluency, and apply the mathematics to novel situations.

| Day 1  | Day 2  | Day 3 | Day 4 | Day 5  |
|--|--|-------|-------|--|
| <b>Explore</b><br>Session  | <b>Develop</b> Sessions  |       |       | <b>Refine</b><br>Session   |
| Review prerequisites to address unfinished learning and activate prior knowledge that relates to the lesson. | Build multidimensional understanding of grade-level content through problem solving, discourse, practice, and application of new learning. |       |       | Strengthen skills and<br>understanding with in-<br>class time for practice and<br>differentiation. |

# Lessons in *i-Ready Classroom Mathematics*Make It All Possible

- Address the standards with rigorous, student-centered discourse and practice.
- **Develop mathematical practices** authentically through problem solving and discussion.
- Incorporate the National Council of Teachers of Mathematics (NCTM)'s Effective Mathematics Teaching Practices naturally into instruction.
- **Engage** *all* **learners** by encouraging all students' voices, perspectives, and experiences.
- Support English Learners so all students can engage with the language of mathematics.
- Integrate technology to enhance students' understanding of the mathematics.
- Assess understanding formally, informally, and holistically.
- **Differentiate with ease** in real time with a wide range of resources.
- **Encourage positive learning habits** that promote and maintain healthy learning environments.
- Implement the Universal Design for Learning (UDL) to the benefit of all students.



# Spark Curiosity: Explore Session

1 Day **Explore** Session

1-3 Days Develop

1 Day Refine

Engage students and help them build upon the schema they have already developed with problembased lessons. Each lesson starts by activating students' prior knowledge to set a foundation upon which they can place the new facts, ideas, and concepts of the lesson.

## **Effective Math Teaching Practices**

NCTM's Effective Mathematics Teaching Practices (EMTPs) are woven into each session.

NCTM EMTP

Look for this text to see how these best practices are seamlessly incorporated into instruction.

#### NCTM EMTPs: Effective mathematics educators . . .

- 1. Establish mathematics goals that 5. Pose purposeful questions. focus on learning.
- 2. Implement tasks that promote reasoning and problem solving.
- 3. Use and connect mathematical representations.
- 4. Facilitate meaningful mathematical discourse.

- 6. Build procedural fluency from conceptual understanding.
- 7. Support productive struggle in learning mathematics.
- 8. Elicit and use evidence of student thinking.

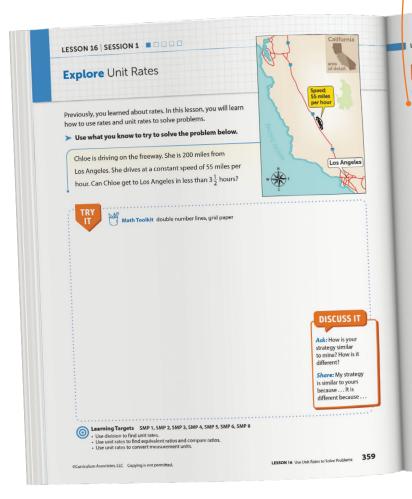
(NCTM, 2014)



#### **Activate and Assess Prior Knowledge**

Students are introduced to lesson concepts with a problem they can solve using previously learned models and strategies that are relevant to the new content of the lesson.

**NCTM EMTP 2** 



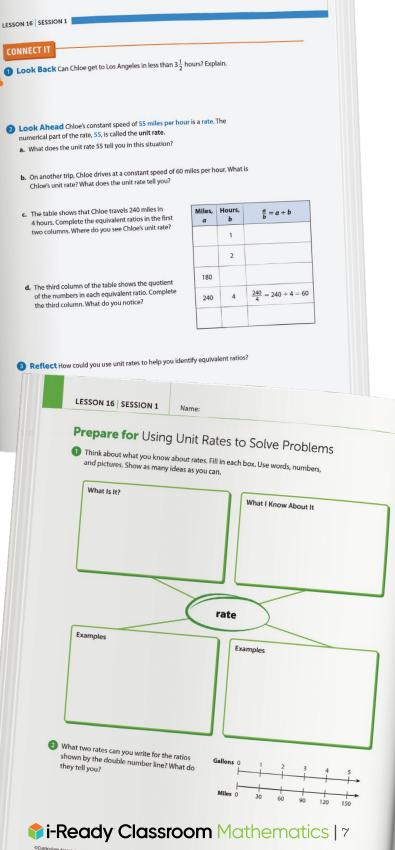
### **Vocabulary Development**

To build on their vocabulary, students use a graphic organizer to review a previously learned term that plays a key role in the upcoming lesson. This helps students reflect on concepts they know and will build upon throughout the lesson.

#### **Build a Bridge to New Lesson Content**

Look Back/Look Ahead prompts prepare students for the new content they will learn in the rest of the lesson.

**NCTM EMTP 5** 



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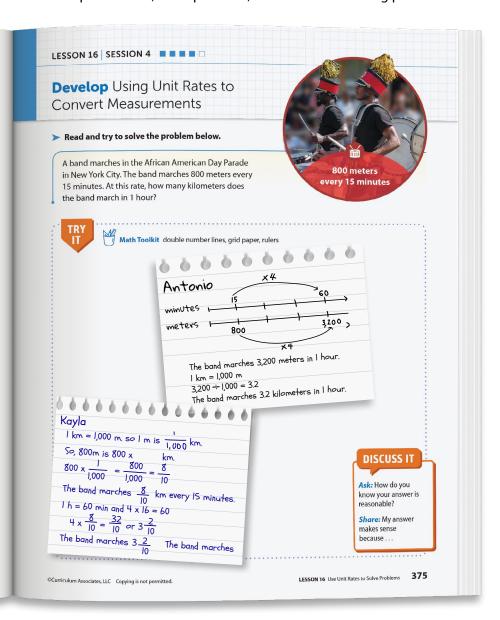
# Build Understanding: Develop Sessions



Help students make sense of math by making connections across multiple representations. Each lesson includes several sessions devoted to helping students integrate new concepts into their existing understanding of related mathematical ideas, patterns, and procedures.

### A Powerful Framework for Instruction

The **Try-Discuss-Connect instructional framework** seamlessly incorporates multiple routines, math practices, and effective teaching practices into instruction.



#### Try It

Students make sense of the problem and persevere in solving and supporting their thinking. **NCTM EMTP 7** 

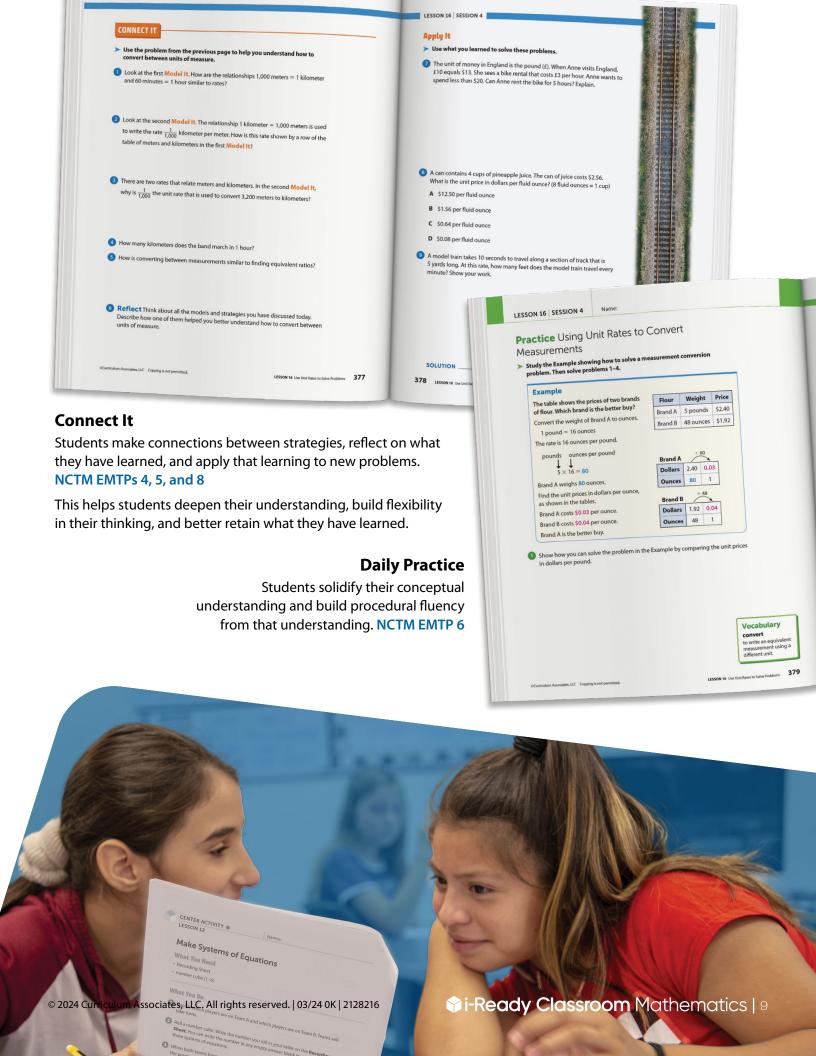
By having time to think through the problem as a class and then try it on their own first, students learn to tap into their existing knowledge and develop perseverance.

#### **Discuss It**

Students share their thinking with a partner and compare their strategies.

#### **NCTM EMTP 2**

By engaging in peer-to-peer discourse, students build confidence and learn from one another.



# Make Learning Stick: *Refine Sessions*

1 Day Explore Session 1-3 Days
Develop
Sessions

1 Day

**Refine** Session

Give students time to practice and cement their learning from the lesson. Each lesson ends with dedicated class time for practice and options for one-on-one or small group differentiation activities.

### Dedicated Class Time for Practice and Differentiation



**Monitor students'** work on the Start activity and initial problem set.



Assess students'
understanding using the
Error Analysis guide and
observations of students' work.
NCTM EMTP 8



**Provide differentiated options** for additional practice and to support students' needs.



# Reteach, Reinforce, or Extend Learning



#### **Approaching Proficiency:**

Provide additional support with the Reteach activity in the Teacher's Guide.

NCTM EMTPs 2 and 3

#### RETEACH



Students approaching proficiency with using unit rates to solve problems will benefit from modeling the process for finding unit rates and using unit conversions.

Materials For each group: 15 sticky notes

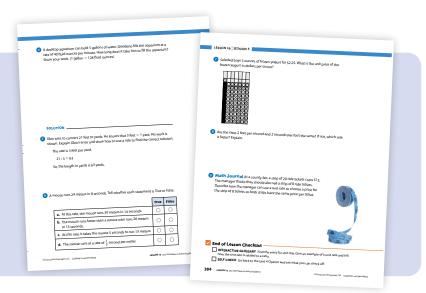
- Write and display: Ayana buys 9 feet of wood for \$2.88. Dara buys 4 yards of wood for \$4.20. Who got the better deal? Discuss with students that they will need to compare unit prices.
- Have one group find the rate of dollars per foot and the other group find the rate of dollars per yard.
- Give the group that is finding the rate of dollars per foot 4 sticky notes. Have them find the unit
  conversion. Students should label each sticky note using the unit conversion to find the number of
  feet equal to 4 yards.
- Repeat with the group that is finding the rate of dollars per yard. Ask: How many yards will each sticky note represent? How do you know?  $\left[\frac{1}{3}\right]$  yard;  $\frac{1}{3}$  yard is the same as 1 foot. Have the group model 9 feet in sticky notes. Ask: What is this length in yards? [3 yards]
- Next, have each group calculate the unit price. [Ayana: unit price for 1 foot is \$0.32; unit price for 1 yard is \$0.96; Dara: unit price for 1 foot is \$0.35; unit price for 1 yard is \$1.05.]
- Ask: Who got the better deal and why? [Ayana; She paid less per foot (or yard).]
- Discuss how students could build similar models to compare prices: Which is the better deal: 6 pounds of red grapes for \$11.52 or 64 ounces of green grapes for \$3.22? [Red: \$1.92 per pound or \$0.12 per ounce; Green: \$2.08 per pound or \$0.13 per ounce; Red grapes are the better deal.]



#### **Meeting Proficiency:**

Reinforce learning with additional practice problems in the Student Worktext.

**NCTM EMTP 6** 





#### **Extending Proficiency:**

Deepen students' understanding with the Challenge Activity in the Teacher's Guide.

NCTM EMTPs 2 and 3

#### **EXTEND**



#### Challenge

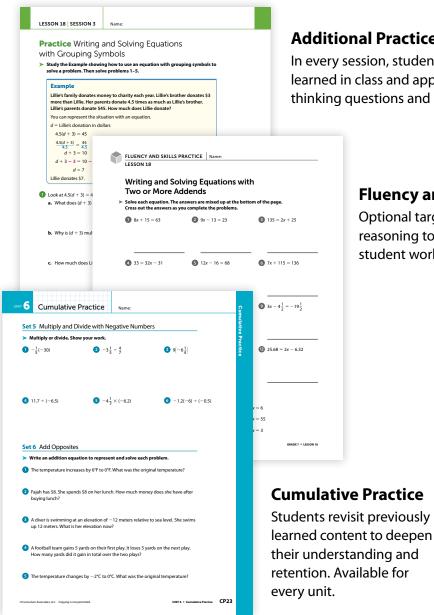
Solve rate problems involving conversions between systems.

Students extending beyond proficiency will benefit from solving rate problems with multiple conversions.

- Have partners research conversion rates to solve this problem: A car travels 55 miles per hour. What is this speed in kilometers per second, rounded to the nearest thousandth?
- Some students may first convert miles to kilometers, and then convert hours to seconds. Others may make all conversions at once. [0.025 kilometer per second]
- Repeat with solving the following problem: A small pool can hold 3,785 liters of water. Water flows through a hose into the empty pool at a rate of 1 gallon per minute. About how many hours will it take to fill the pool? [about  $16\frac{2}{3}$  hours]

# Practice That's Just Right

Reinforce students' mathematical understanding with a variety of rich practice opportunities. The print and digital practice in *i-Ready Classroom Mathematics* solidifies students' conceptual understanding first, then provides fluency practice and opportunities for students to apply their learning to new problems. NCTM EMTP 6



#### Additional Practice in Student Worktext

In every session, students build proficiency with the strategies learned in class and apply those ideas to answer criticalthinking questions and new problems.

#### Fluency and Skills Practice

Optional targeted practice uses patterns and repeated reasoning to build mathematics skills. Available as a student workbook or as PDFs on the Teacher Toolbox.



### **Digital Learning Games**

Fun fluency practice allows students to explore essential skills in a low-stakes environment. In-depth reports offer teachers real-time snapshots of skills progress and growth mindset. Students can toggle to play games in Spanish.



Easily assign resources to Google Classroom. Student resources, including the digital Student Worktext and PDFs, work with most learning management systems.



### **Interactive Practice with Technology-Enhanced Items**

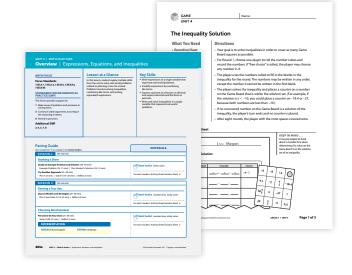
**Available for** every lesson!

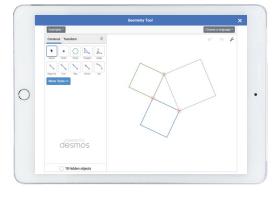
This assignable and auto-graded digital practice reinforces understanding. Teachers receive performance reports, while students receive immediate, meaningful feedback to keep them on track.

#### **Hands-On Games**

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Unit Games and Math in Action lessons develop math practices and use students' critical-thinking skills.



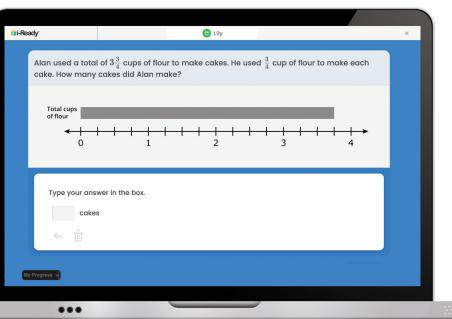


### **Digital Math Tools Powered by Desmos**

Students have access to the online graphing and scientific calculators, as well as geometry tools, to explore concepts and deepen understanding.

# Plan for Success

When students are lifelong learners, data is a roadmap—not a destination. Valid, reliable, and timely data lets you know where your students are so you can meet them there and give them the right resources and support to continue their journey.



# Identify Students' Needs with the Diagnostic

Unfinished learning can lead to challenges as students work on grade-level standards. Knowing every student's needs is critical for success.

- Adaptive (Grades K-12): Pinpoint students' strengths and needs across all skills and domains.
- Criterion referenced: Compare students' performance against the standards.
- **Norm referenced:** Compare students' performance to other students.

### **State and Nationally Recognized**

Numerous third parties have deemed the Diagnostic as a valid and reliable academic screener and progress monitoring tool.













Received a positive review in *The Twentieth Mental Measurements Yearbook* (published by the Buros Center for Testing)



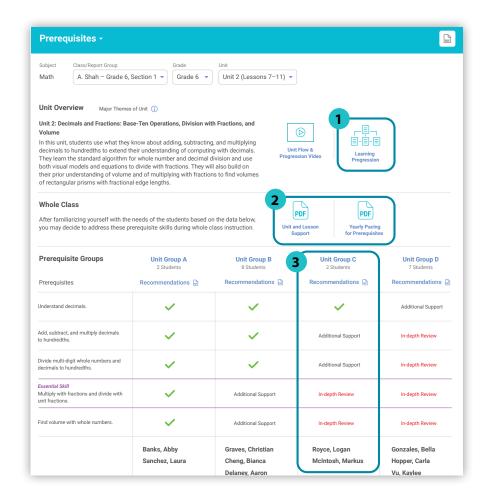
i-Ready received high ratings from the National Center on Intensive Intervention (NCII).

To see evidence that the Diagnostic is proven to work, visit <a href="CurriculumAssociates.com/Research-and-Efficacy">CurriculumAssociates.com/Research-and-Efficacy</a>.

# Accelerate Learning with a Custom Plan

Based on results from the Diagnostic, the Prerequisites report identifies the essential prerequisite skills to focus on for every student for every lesson.

- 1 Learning Progression: Understand the progression of standards going back two-plus years.
- 2 Whole Class Guidance and Pacing Support: Integrate and scaffold prerequisite skills into the grade-level content scope and sequence.
- 3 Small Group Resources: Address specific in-depth needs with targeted resources for teacher-led, partner, and independent activities.

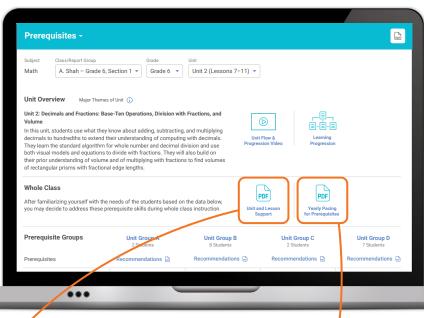




# Make a Difference Every Day

Math class goes by guickly. You need a thoughtful approach to effectively differentiate in that short amount of time. Whether it's addressing unfinished learning or responding in the moment to unlock a tricky concept or address a misconception, i-Ready Classroom Mathematics has the plan and resources for efficient differentiation.





#### **◆ ON-THE-SPOT TEACHING TIPS FOR GRADE 6**

- Use simpler numbers. It is easier to see patterns and relationships when the fractions are easy to envision. Provide additional problems with simpler numbers, spending extra time with problems where one number is a unit fraction or a whole number.
- Connect division and multiplication. Reinforce the foundational work students did with division with unit fractions and whole numbers in Grade 5 to build their understanding of important relationships between division and multiplication. For example, students can understand that  $3 \div \frac{1}{4} = 12$  because they know that  $12 \times \frac{1}{4} = 3$ . Students can also recognize that the division expression  $3 \div \frac{1}{4}$  is equivalent to the multiplication expression 3  $\times$  4 because one way to answer the question "How many  $\frac{1}{4}$ s are in 3?" is to multiply 3 by 4.
- Make sense of the operation in word problems. As in their Grade 5 work on division with unit fractions, encourage students to use both a visual model and an appropriate division equation when solving word problems. Visual models help them make sense of situations that involve division with fractions and help them determine which quantity is the dividend and which is the divisor.

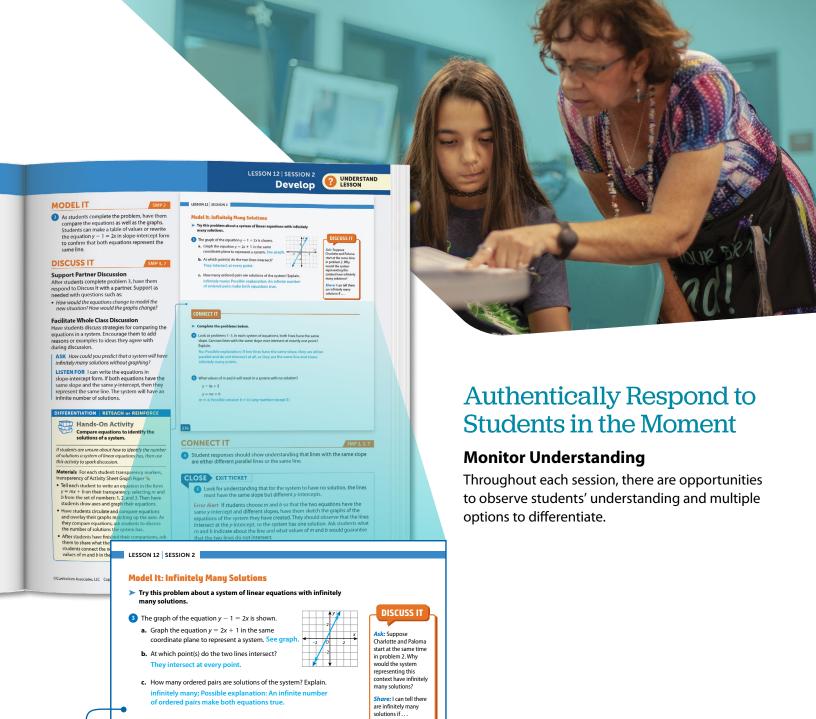
#### **On-the-Spot Teaching Tips**

suggest additional scaffolding to support students with unfinished learning as they engage in grade-level work.

#### Unit 2, Lesson 7 continues to build fluency with decimal addition Lesson 7 Add, Subtract, and Multiply Multi-Digit Decimals 2 to 4 days PREPARE for Unit 2, Lesson 8 by reviewing dividing with two-digit divisors 0 to 4 days and with decimals to support students in learning an algorithm for division Grade 5, Lesson 5 Divide Multi-Digit Numbers Grade 5 Lesson 17 Divide Decimals Lesson 8 Divide Whole Numbers and Multi-Digit Decimals 2 to 5 days PREPARE for Unit 2, Lessons 9-10 by reviewing fraction multiplication and 0 to 4 days division with unit fractions to support students as they expand their skills with dividing fractions. Grade 5, Lesson 22 Multiply Fractions in Word Problems Grade 5, Lesson 24 Divide Unit Fractions in Word Problems Lesson 9 Understand Division with Fractions 3 days Lesson 10 Divide Fractions 4 days Lesson 11 Solve Volume Problems with Fractions 2 to 4 days

#### **Yearly Pacing for Prerequisites**

provides guidance on when and how to use Prerequisite Lessons to address unfinished learning throughout the year.



### DIFFERENTIATION | RETEACH or REINFORCE

**Hands-On Activity** Compare equations to identify the solutions of a system.

If students are unsure about how to identify the number of solutions a system of linear equations has, then use this activity to spark discussion.

Materials For each student: transparency markers, transparency of Activity Sheet Graph Paper %

- · Tell each student to write an equation in the form y = mx + b on their transparency, selecting m and b from the set of numbers: 1, 2, and 3. Then have students draw axes and graph their equations.
- Have students circulate and compare equations and overlay their graphs matching up the axes. As they compare equations, ask students to discuss the number of solutions the system has.
- After students have finished their comparisons, ask them to share what they have learned. Have students connect the number of solutions to the values of m and b in the equations for each system.

### Just-in-Time Supports

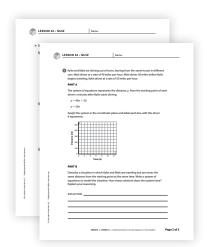
Reteach, reinforce, or extend learning using the activities provided in the yellow differentiation boxes in the Teacher's Guide. The line points to where these activities can be used during instruction to support students' needs.

# Track, Support, and Celebrate Students' Growth

Know what your students know. *i-Ready Classroom Mathematics* includes print and digital assessments and a wealth of resources to meet all students' learning needs. Reports are in depth yet intuitive, so you can easily plan the next steps for instruction.

# Assess Students' Understanding and Monitor Progress

Choose how you want to gather data on students' strengths and dig deeper into their individual needs.

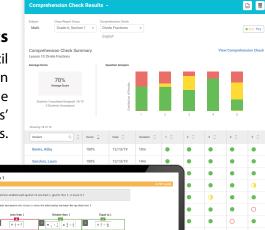


#### Paper/Pencil Assessment

To check students' understanding with a printbased option, use the editable Lesson Quizzes and Mid-Unit and Unit Assessments.

#### **Digital Assessments**

Comparable to the paper/pencil options, digital Comprehension Checks with audio support provide in-depth reports analyzing students' understanding of concepts.





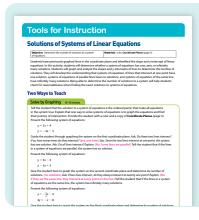
## **Differentiation Resources** for Each Lesson

Once you identify instructional needs, choose the resource that will help students grow and succeed.



#### Unfinished Learning:

**Prerequisite Lessons** and Interactive Tutorials can address skills to help students access grade-level content.

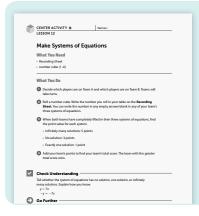


Reteach: Tools for Instruction are minilessons for reteaching lesson concepts.



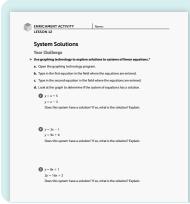
**Out-of-Class Support:** The **Develop Session** Video Library provides instructional videos for remote learning, homework supports,

or reteaching concepts.



#### Student-Led **Small Groups:**

Leveled Math Center Activities are collaborative games to reinforce concepts and skills.



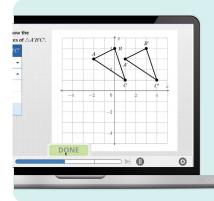
#### **Extension:**

**Enrichment Activities** challenge students with higher-order thinking tasks and often incorporate technology options, like the Desmos tools.



#### **Independent Reinforcement:**

Learning Games offer fun, challenging, and personalized practice and help students develop a growth mindset.



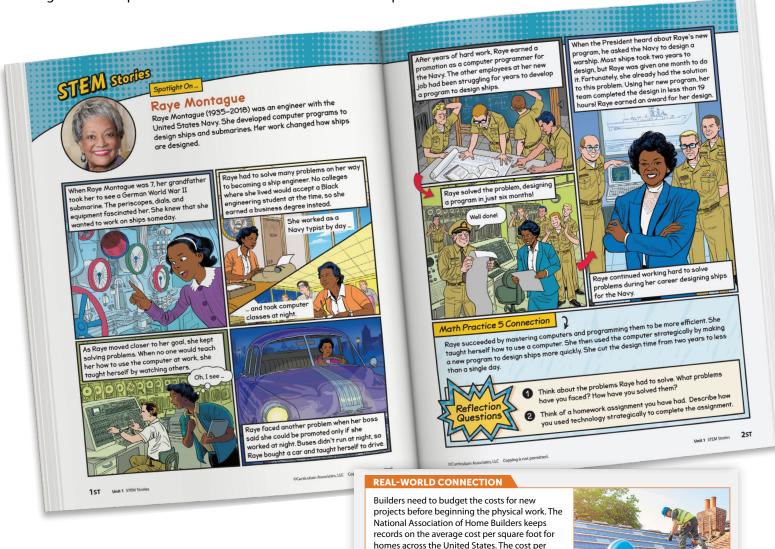
**Personalized Instruction:** This optional add-on provides lessons designed to accelerate growth and gradelevel learning.

# **Embrace Students as Individuals**

Allow students to explore the world through the lens of mathematics. *i-Ready Classroom Mathematics* incorporates features of the UDL to ensure that instruction is flexible, equitable, and accessible to all students.

## Celebrate and Inspire

**STEM Stories** spotlight the lives and STEM contributions of people with diverse backgrounds and provide a real-life instance of mathematical practices in action.



#### **Real-World Connections**

STEM-focused connections show how mathematics is used in everyday life.

Builders need to budget the costs for new projects before beginning the physical work. The National Association of Home Builders keeps records on the average cost per square foot for homes across the United States. The cost per square foot is calculated by dividing the cost of the land, materials, and labor used to build the home by the number of square feet of the home. The largest factor that influences a home's cost per square foot is the value of the land. For example, a home in a major metropolitan area may have a higher land value than a home in a rural area. Ask students to think of other real-world examples when examining rates

might be useful.



# Create a Community of Interconnected Learners

**Supports for Community:** Try–Discuss–Connect incorporates UDL principles to give every student a voice and the opportunity to engage with the content in a way that is meaningful to them.



#### Try It

## Discuss It

# Cor

#### **Connect It**

#### **Action and Expression:**

Students make sense of the problem in a way that engages their identity and honors their prior experience, community, and individuality.

#### Representation:

Partner and whole class discussion place value on students' ideas and contributions.

#### **Engagement:**

Students make connections to strategies, the underlying mathematics, and each others' thinking and ideas.



# Draw on Students' Cultural and Linguistic Background and Behaviors

Every lesson includes background information, cultural connections, and instructional protocols to engage students while affirming and validating their identities.



# Integrate Language and Mathematics

Math class is the perfect place for multilingual learners to develop academic language while also building content knowledge. *i-Ready Classroom Mathematics* includes the resources to support both of these goals as students engage in reading, writing, speaking, and listening.

## Increase Student Engagement

**Supports for Language Development:** Try–Discuss–Connect incorporates language routines to increase class participation and support students as they learn content, apply mathematical practices, and develop language.

| class participation and support students as they ream content, apply mathematical practices, and develop language. |   |   |  |  |
|--|---|---|--|--|
| Try It   | Discuss It                                | Connect It  |  |  |
| Language Routines  | Language Routines                         | Language Routines                                       |  |  |
| Three Reads  | <ul> <li>Compare and Connect</li> </ul>   | <ul> <li>Collect and Display</li> </ul>                 |  |  |
| <ul> <li>Co-Craft Questions</li> </ul>   | <ul> <li>Collect and Display</li> </ul>   | <ul> <li>Compare and Connect</li> </ul>                 |  |  |
| <ul><li>Notice and Wonder</li><li>Say It Another Way</li></ul>   | Teacher Moves • Turn and Talk             | Teacher Moves  • Turn and Talk  • Individual Think Time |  |  |
| Teacher Moves  | <ul> <li>Individual Think Time</li> </ul> |   |  |  |
| • Turn and Talk  | • Four Rs                                 | • Four Rs   |  |  |
| • Individual Think Time  | Conversation Tips                         |   |  |  |

### Differentiation for English Learners

Scaffolds for each session suggest ways to help English Learners access and engage with rigorous mathematics.

#### DIFFERENTIATION | ENGLISH LEARNERS

### **Levels 1–3:** Speaking/Writing To help students interpret Model It

problem 2, read the problem aloud. Use Act It Out to clarify the phrase catch up. Use a volunteer or classroom objects to role play the meaning of catch up. State the phrase in the past tense: I caught up with \_\_\_\_\_\_. Display catch up and caught up. Have partners use both phrases to describe a situation. Then reread problem 2, clarifying words as needed. Ask a student to explain same rate. Use sentence frames to help students answer part a:

- Paloma \_\_\_\_ catch up to Charlotte.
- I know because they are \_\_\_\_
- I can tell from the graphs that Paloma \_\_\_\_\_\_.
   catch up, because the lines \_\_\_\_\_\_.

#### Levels 2-4: Speaking/Writing

Help students interpret Model It problem 2. Use **Act It Out** to have students demonstrate catch up and caught up. When a student catches up, have them discuss how that is different from the situation in the problem. Encourage them to use the word rate:

- I caught up to \_\_\_\_\_ because \_\_
- In the problem, Paloma and Charlotte \_\_\_\_.
  Then help students connect the situation to the graph. Ask: How does the graph show the distance Paloma and Charlotte hike? Have students draft a response to 2a. Then have them answer 2b and make connections with partners:
- Our answers are \_\_\_\_\_, so I think we can check the answer by \_\_\_\_\_.

#### Levels 3-5: Speaking/Writing

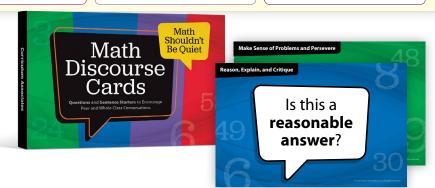
Use with Session 2 Model It

Help students interpret Model It problem 2. Have students read the problem and turn to a partner to discuss how the graph connects to the problem. Encourage partners to explain how the graph shows both girls hiking on the same trail at the same rate. Have them draft a response to 2a and have partners review each other's responses. Then have students work independently to answer 2b. When ready, have them turn to partners to connect and discuss answers. Ask: How does your answer compare to your partner's? Do both answers include an explanation? How can you test

Encourage students to use same, different, both, and, or but as they explain their ideas

# Additional Language and Discourse Supports

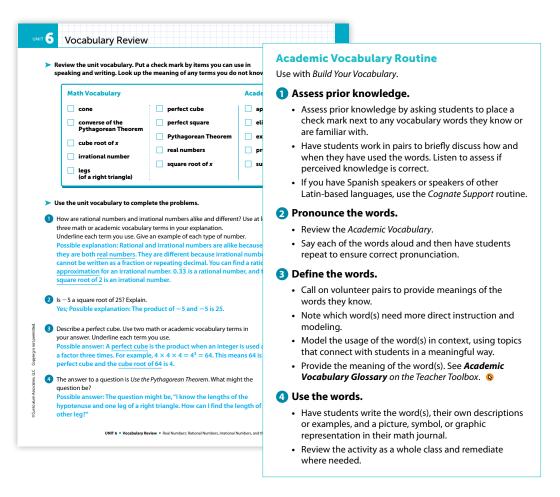
Resources like the Discourse Cards and Multilingual Glossaries help students talk through their ideas using academic language.



# Teach Academic Language

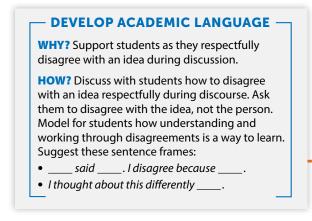
#### **Academic Vocabulary Activities and Routine**

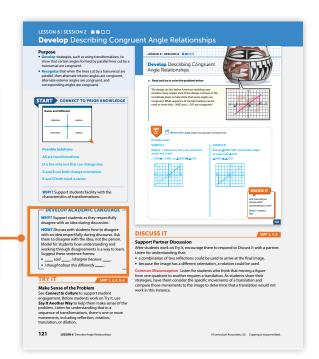
Engage students in rigorous mathematics and encourage effective communication.



#### Support at the Word, Sentence, and Discourse Levels

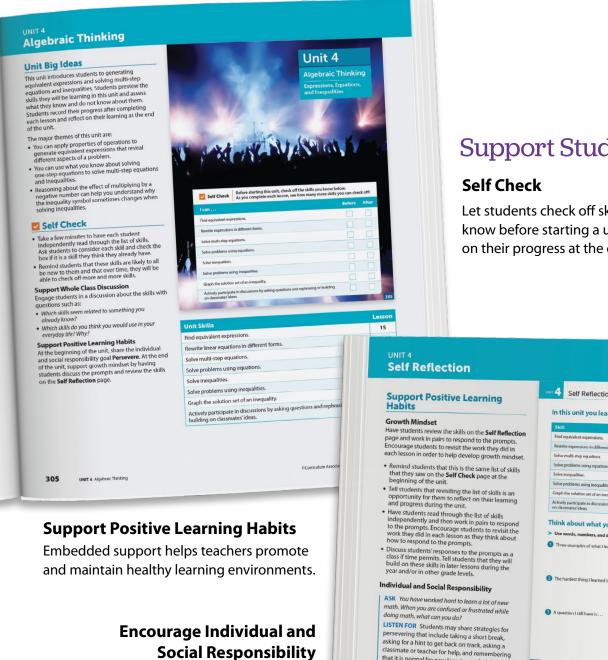
Prompts help students ask and answer questions, express ideas, and unpack complex sentences.





# Cultivate a Mindset for Learning

Create a community of interconnected learners. By developing the whole child, encouraging collaboration, and making time to reflect on their thinking, students not only become good mathematicians, but they also develop important life skills.



# Support Student Agency

Let students check off skills they already know before starting a unit, and then reflect on their progress at the end of a unit.



responsible decision making.

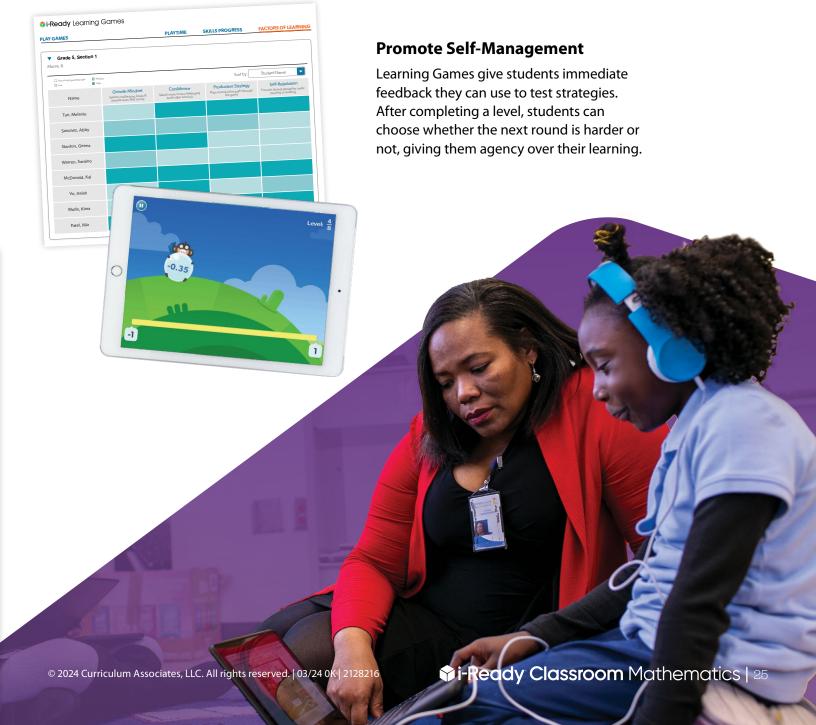
Students reflect on their understanding and develop self-awareness, self-management,

social awareness, relationship skills, and

# Develop Persistent Problem Solvers

**Supports for Growth Mindset:** The Try–Discuss–Connect framework provides a structure to help students embrace challenge, collaborate with others, and reflect on what they have learned.



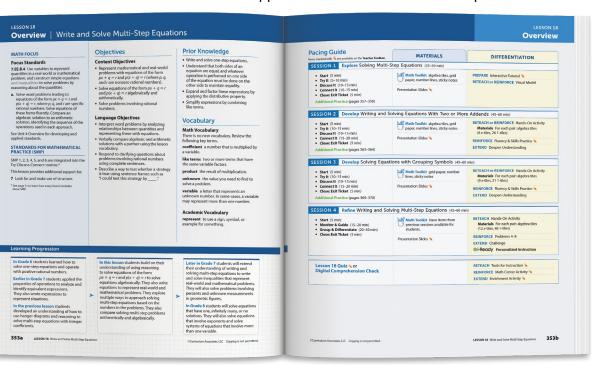


# Get What You Need, When You Need It

Whether you're a 30-year veteran refining your craft or a first-year teacher exploring your new profession, our time-saving resources and support enable you to build your expertise. Choose from our wealth of resources to get what you need, when you need it.

## Support That Works for You

An abundance of resources and support are available to meet the unique needs of each teacher.



# Plan Lessons with Ease

Lesson Overview pages cover everything you need to quickly and effectively plan instruction.

### **Embedded Support**

Strategies, prompts, and in-themoment guidance are available in the Teacher's Guide. Common Misconception Listen for students who identify  $192\frac{1}{2}$  miles as the distance Chloe can travel in  $3\frac{1}{2}$  hours but conclude that since the distance is less than 200, the time to reach the destination would also be less. As students share their strategies, ask them to apply their reasoning to explain the steps they used to solve the problem.

#### Select and Sequence Student Strategies

Select 2–3 samples that represent the range of student thinking in your classroom. Here is one possible order for class discussion:

- tables of equivalent ratios that show the number of miles traveled each hour and half hour when moving at a constant speed of 55 miles per hour
- (misconception) strategies that identify the distance of 192½ miles in 3½ hours
  but conclude that since the distance is less than 200 miles, the time to reach the
  destination would be less
- double number lines that show the number of miles traveled in  $3\frac{1}{2}$  hours when traveling at a constant speed of 55 miles per hour
- equations that find the number of miles Chloe can travel in  $3\frac{1}{2}$  hours when traveling at a constant speed of 55 miles per hour

#### **Facilitate Whole Class Discussion**

Call on students to share selected strategies. Prompt students to describe what they noticed or assumed about the problem, what they decided to do as a result, and why.

Guide students to **Compare and Connect** the representations. Allow time for students to think by themselves before starting the discussion.

**ASK** How does [student name]'s strategy use the rate given in the problem?

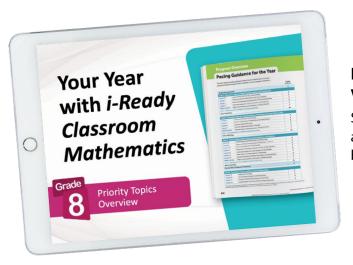
**LISTEN FOR** The given rate is 55 miles in 1 hour. Use the rate and equivalent ratios to find how many miles Chloe can drive in  $3\frac{1}{2}$  hours.

# **Professional Learning That Empowers**

Teacher support designed to enhance the art and science of teaching mathematics

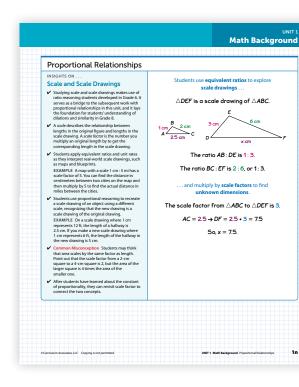
#### **Math Background**

See how the models and strategies used in the unit fit into the learning progression.



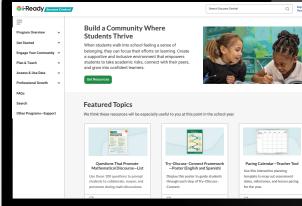
#### **Pacing Video Series**

Stay on track to deliver all grade-level content by the end of the year.



### **Implementation Guidance and More**

From how-to tips to planning tools, get on-demand access to everything teachers need on i-Ready Success Central.



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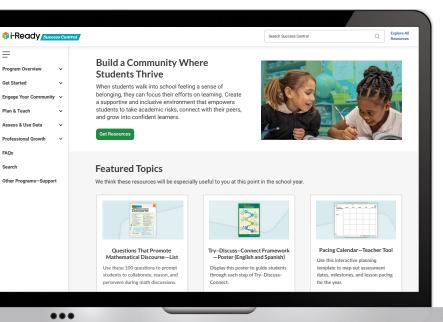
Onsite, Online, and **On-Demand Professional Development (PD)** 

...

Our ongoing, classroomfocused PD supports teachers in using students' thinking and mathematical practices to transform mathematics classrooms.

# Bring Classrooms and Communities Together

Extend learning beyond the classroom. *i-Ready Classroom Mathematics* has a wealth of resources families can use at home to support their students' mathematical growth.

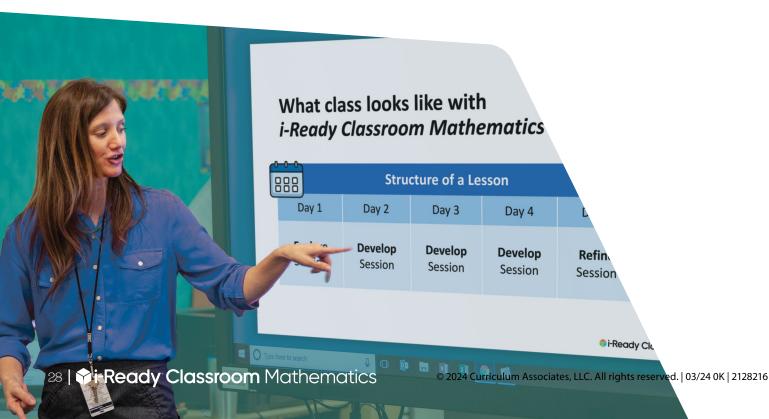


# Resources to Help Teachers Engage Families

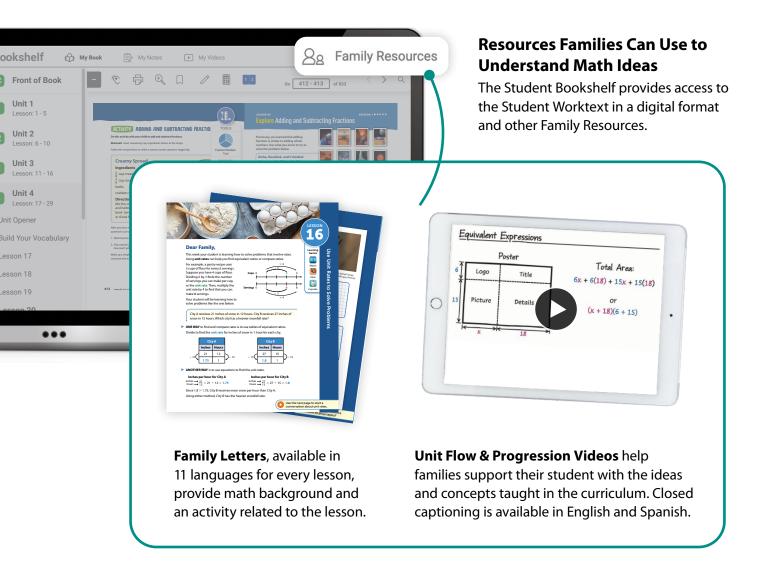
#### **Success Central**

Resources for teachers to use to make family communication easier, including:

- Introduction Letter: Introduce families to the curriculum.
- **Family Night Presentation:** Give families an overview of the program.



### Resources for Families





### **Support Website Dedicated to Families**

The Family Center, available in English and Spanish, helps families explore the program and provide support at home.

# Need Help? We're Here for You!

No matter how big or small your school is, you have an *i-Ready* partner dedicated to your account. We're experts in our product, so if you have a question or a problem, we can give you the answer—so you can get back to your students.

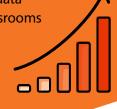


#### An Account Manager You Know on a First-Name Basis

Dedicated account managers are your point of connection to a powerful network of experts solely focused on making your implementation successful.



Detailed student achievement analytics to empower datadriven practices in classrooms





# Guidance on Education Trends and Implications

Consultation to ensure you stay up to date and are prepared to implement education best practices



Every District Is Surrounded by Support

#### Flexible PD

Tailored PD pathways to optimize the use of our products supported by industry-leading online tools and resources



# Technical Support and Health Checks

Proactive support that anticipates and heads off issues before they start—and is there for you should they arise

Available in English and Spanish



"i-Ready Classroom Mathematics resources provide teachers with routines and structures that support the implementation of the effective teaching practices. This allows students to build a deep understanding of mathematical concepts, and it creates a seamless connection that supports both students and teachers."

—Marsha Burkholder Elementary Curriculum Specialist Columbus City Schools

"Curriculum Associates... developed the tools and customer support systems that provide us with real-time information so we may maximize the skillset of our staff to do what's in the best interest of our students."

—Josh Almeida

Curriculum, Data, and Assessment Manager for Mathematics New Bedford Public Schools



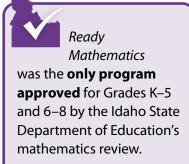
# The Data Speaks for Itself

To help students thrive, teachers need high-quality instructional materials that make an impact. Our programs are designed, tested, and refined to maximize students' success. Don't take our word for it. Check out our proven results and top ratings from third parties.



**Materials Evaluation** 

Process.



Louisiana rates Ready
Mathematics for Grades K-5
as Tier 1, signifying that the program
"meets all non-negotiable criteria
and meets all required indicators of
superior quality."

In 2019, Ready Mathematics for Grades 6–8 was also rated as Tier 1.

2015 2016

2017

2018

2019

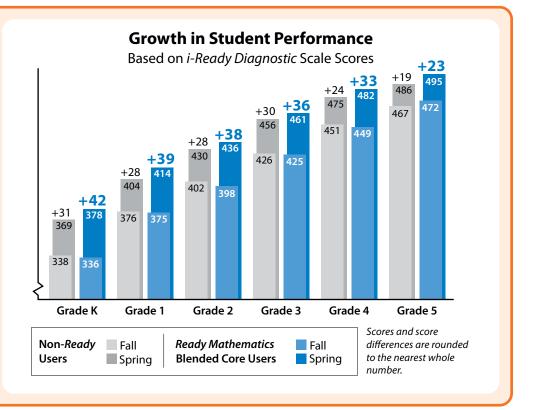


Third-party research conducted in three states, with 32 schools and 21,000 students, provides evidence of Ready Mathematics' success.

Read the full report:

CurriculumAssociates.com/ Ready-Math-Blended-ESSA

Because our program has been top rated from the beginning, educators have had time to teach with and see real results from our blended instructional approach.



2021 2023 2020 2022 2024

i-Ready Classroom Mathematics ©2020 for Grades K-8—the next evolution of Ready Mathematics received all-green ratings from EdReports.

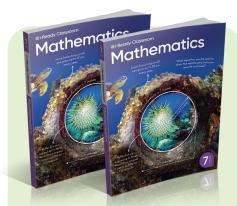
i-Ready Classroom Mathematics ©2024 received all-green ratings and a perfect score for all Grades K-8 from EdReports.

**Perfect Scores** on EdReports



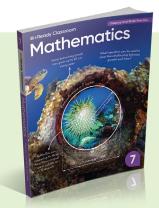
Scan to learn more!

### **Student Materials**



#### Student Worktext @

Students take ownership of the learning as they work through the rich tasks and practice new skills in each lesson.



#### **Fluency and Skills Practice Book**

Targeted fluency practice for every lesson. Included on the Teacher Toolbox and available in print for additional purchase



#### Hands-On Materials

Engage students in hands-on learning. Available at:

> Hand2Mind.com/ Curriculum-Associates

#### Student Digital Experience

The Student Digital Experience, accessible through i-ReadyConnect.com, provides access to all student components of i-Ready Classroom Mathematics.

**Student Bookshelf** provides online access to student resources, including:

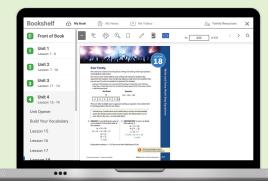
- **Digital Student Worktext** [15] includes tools, such as note-taking, text-to-speech, highlighting, and a calculator.
- Family Resources is include a Family Letter for every lesson and Unit Flow & Progression Videos.
- Multilingual Glossary (15) available in 11 languages
- Student Handbook [15] with a guide to the Standards for Mathematical Practice, a mathematical language reference tool, and 100 Mathematical Discourse Questions
- Develop Session Video Library offers instructional videos for remote learning, homework support, or reteaching concepts.

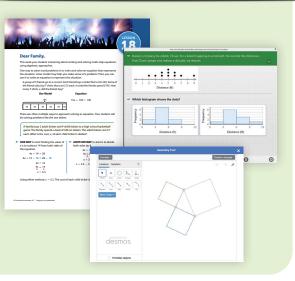
**Digital Math Tools** powered by Desmos provide virtual representations of various models.

Interactive Learning Games (15) develop conceptual understanding, improve fluency, and build a positive relationship to challenge.

Interactive Practice (15) helps students build procedural fluency and skills by providing immediate, meaningful feedback.

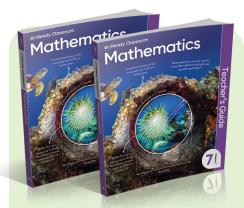
Optional Add-On: i-Ready Personalized Instruction [15]





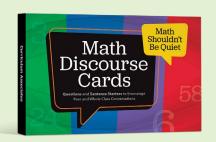
E/S = Available in English and Spanish

### **Teacher Materials**



#### Teacher's Guide @

Two volumes include discoursebased instructional support, math background, and embedded professional learning. Available in print and online



#### Discourse Cards @

This resource provides questions and sentence starters to get students talking about mathematics. Available in print and online



#### **Success Central**

Online teacher portal provides on-demand access to tips and resources for a successful implementation.

#### **Teacher Digital Experience**

The Teacher Digital Experience, accessible through i-ReadyConnect.com, provides access to all teacher components of i-Ready Classroom Mathematics.

**Teacher Toolbox** provides access to all Grades K-8 resources in one convenient location. A few highlights include:

- Interactive Tutorials E/S
- Digital Math Tools Powered by Desmos
- Lesson PowerPoint® Slides (5)
- Fluency and Skills Practice (15)
- Center Activities 6/15
- Enrichment Activities
- Assessment Resources E/S
- Unit Flow & Progression Videos\*
- Literacy Connections (5)
- Unit Games
- Develop Session Video Library

#### **Digital Practice Resources**

- Learning Games
- Interactive Practice (s)

#### **Digital Assessments**

- Diagnostic
- Comprehension Checks (5)

#### Reports

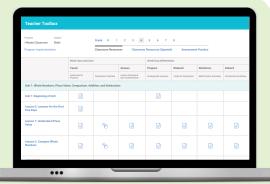
- Diagnostic Results
- Comprehension Check Results
- **Prerequisites**
- **Learning Games**

#### **Professional Learning**

Online Educator Learning

#### **Optional Add-On**

· i-Ready Personalized Instruction 💷





\*Closed captioned in English and Spanish Microsoft PowerPoint® is a registered trademark of Microsoft Corporation.



# Learn more at i-ReadyClassroomMathematics.com/24.

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









