

# Family Guide

Support and Inspire Your Student's  
Success in Mathematics



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## What is *i-Ready Classroom Mathematics*?

*i-Ready Classroom Mathematics* is a mathematics curriculum designed to support all students in becoming critical thinkers, persistent problem solvers, and lifelong learners as they find success in their grade-level content.

## How does *i-Ready Classroom Mathematics* benefit my younger student?

The kindergarten and Grade 1 programs are designed to be developmentally appropriate for our youngest learners. When learning with the program, your student will:

- ✓ **Develop strong number sense** as they begin to understand, connect, and think flexibly and fluently about numbers
- ✓ **Solve problems and make connections** with exploratory hands-on activities
- ✓ **Learn to persevere** through challenging problems and reflect on their learning
- ✓ **Discuss math with peers** and make connections between ideas during Try–Discuss–Connect
- ✓ **Reinforce their learning and build fluency** in engaging math centers
- ✓ **Engage in activity-based assessments (Grade K)**, where teachers monitor your student’s progress toward learning goals in a low-stakes setting

### Try It



**Make sense** of the problem.  
**Solve and support** your thinking.

### Discuss It



**Share your thinking** with a partner and the whole class.  
**Compare** class strategies.

### Connect It



**Make connections** between strategies.  
**Apply your thinking** to new problems.

## What is the Try–Discuss–Connect framework, and why is it helpful to my student?

Your student’s teacher uses an instructional framework called [Try–Discuss–Connect](#), during which students make sense of problems, share ideas, and discuss thinking with their peers.

Discussing math with classmates allows students to process new ideas, develop math confidence, and helps them better retain what they learn.

Watch the [Try–Discuss–Connect framework in action!](#)



# Four Ways to Get Started

While there are several ways to have a positive impact on your student's success in mathematics, here are four key strategies to get you started.

1



## Bookshelf

### Explore the Student Bookshelf

#### Student Worktext

The Student Worktext includes instruction, Family Letters, Practice pages, and a math glossary.

#### Unit Flow & Progression Videos

Watch the Unit Flow & Progression Video when your student begins a new unit.

#### Family Letters

Read the Family Letter and do the activities with your student at the start of each lesson.

2



## Learning Games

### Check Out the Learning Games

Give your student time and space to play the Learning Games.

3



## Family Center

### Visit the Family Center

Visit the Family Center to find additional resources for exploring and learning about math with your student.

4

*"It's not that I'm so smart, it's just that I stay with problems longer."*

—Albert Einstein

### Foster a Growth Mindset

- Encourage your student to stick with challenging pursuits.
- Praise effort instead of being "smart." Try a phrase such as, "I'm really proud that you kept going even when you got stuck."
- Reframe mistakes as opportunities for learning.
- Seek out feedback from others.
- Remain curious about the world and its many obstacles and opportunities.

## What resources are available to support my student at home?

Through the [Student Digital Experience](#), you and your student have access to all the necessary tools and resources to support learning at home. Explore the resources below to learn about the essential digital components available to support you and your student at home.

**Family Center**  
includes resources to support your student, such as math discourse cards and activities.

**To Do**  
is where students access their assignments.

**Bookshelf**

**The Student Worktext**

1. Click the **Bookshelf icon** at the bottom.
2. Click on the *i-Ready Classroom Mathematics Worktext* image.

*Follow the steps below to get to the other materials.*

**Unit Flow & Progression Videos**

3. Click on **Family Resources** in the upper-right corner.
4. Click on **Watch Video** to the right of the unit your student is starting.

**Family Letters**

3. Click on **Family Resources** in the upper-right corner.
4. Choose your **language**.
5. Click on the **PDF icon** next to your student's current lesson.

**Tools**  
provides digital math tools to engage students with building and conceptualizing math problems.

**Learning Games**  
are a fun and engaging way for students to practice, improve fluency, and develop a positive relationship to challenge.



# Add and Subtract to Solve Word Problems

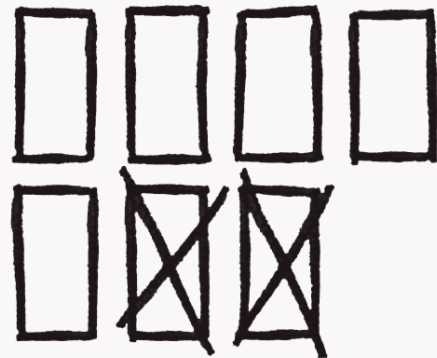
To understand more about your student’s mathematics instruction with *i-Ready Classroom Mathematics*, here’s an opportunity to experience some math from the program.

Consider taking a few moments to try the following tasks.

- 1** Please take a moment to solve this problem in the space below:

**There are 7 butterflies in the garden. Then 2 fly away. How many butterflies are in the garden now?**

- 2** Compare your way of solving the problem to this approach:



- 3** Reflect on the following:

- Think through the steps you went through to solve this problem.
- What skills and knowledge did you need to complete the task?
- How is your way of solving the problem the same or different than the one above?

## Key Takeaway

Students must **decide how to approach and solve** this story problem using drawings. As they build this skill, they will begin to recognize when to add and when to subtract when presented with new story problems. Representing story problems with drawings and equations helps children **learn to reason abstractly and quantitatively**.

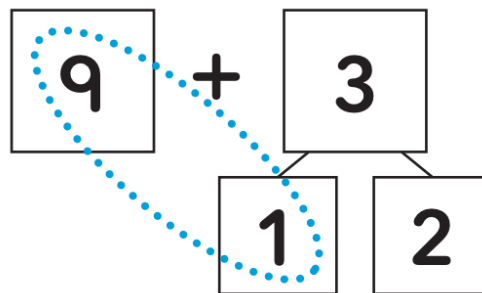
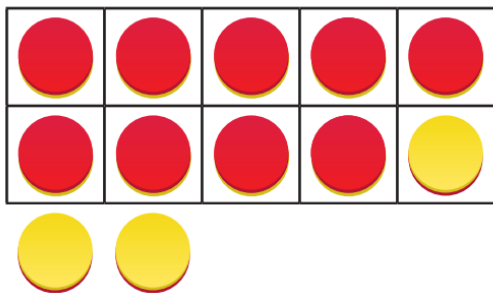
# Make a Ten to Add

Let's try another problem.

**1** Please take a moment to solve this problem in the space below:

**Show  $9 + 3$ .**

**2** Compare your way of solving the problem to these approaches:



**3** Reflect on the following:

- What steps did you follow?
- What skills and knowledge did you need to solve the problem?
- What similarities and differences do you see between your strategy and the ones provided?

## **Key Takeaway**

In this problem, students use a strategy to make ten to add within 20. They break apart one addend and associate it with the other addend to make ten, developing the idea that a teen number is "10 and some more." This helps them **learn to think flexibly about numbers, strengthening their ability to do math mentally.**