


Get to Know *i-Ready Classroom Mathematics*

What is *i-Ready Classroom Mathematics*?

i-Ready Classroom Mathematics is a robust mathematics program designed to help your student become a strong, independent mathematical thinker. The program uses a different approach to math instruction than many of us had as kids.

The program:

- Focuses on learning through problem solving
- Engages students in peer conversations about mathematical thinking (called discourse)

 To hear why *math shouldn't be quiet*, [watch this video](#).



What does daily math instruction look like?

During instruction, your student's teacher will facilitate conversations and monitor student thinking. Many sessions are structured around the Try–Discuss–Connect instructional framework, which provides students with the opportunity to:

- Persevere in problem solving
- Evaluate one another's thinking
- Compare different mathematical representations
- Apply different strategies to their own work

 See how you can [use the framework](#) with your student.

Using the Try–Discuss–Connect Framework with Your Student

For Families

Your student's teacher uses an instructional framework called Try–Discuss–Connect. This framework helps students focus on important concepts, take ownership of their learning, and practice communicating about math with their peers. Check out these guidelines for using the Try–Discuss–Connect framework with your student.

Try It

- 1 **Make sense of the problem.** Read the problem out loud and ask your student, "What is this problem about?" Next, request that your student reads the problem to you and ask them, "What are you trying to find out?" Finally, after your student reads the problem one last time, ask, "What information is important?"
- 2 **Solve and support your thinking.** This is your student's opportunity to work out the problem independently. You might ask for a second strategy with a model or picture if your student solves the problem quickly. Consider solving the problem yourself so you can compare strategies in the next step.

Discuss It

- 3 **Share your thinking.** Have your student explain how they solved the problem, and ask questions to clarify what they did. Then share the approach you used. Refer to the Discuss It question(s) at the bottom right side of the page to guide your conversation.
- 4 **Compare strategies.** Take a few moments to compare your and your student's strategies. If the student page has the word "Develop" in the title, also compare your strategies with the models and approaches in the Student Worktext. Ask your student, "What do you notice about the strategies in the book compared to how we solved the problem?"

Connect It

- 5 **Make connections and reflect on what was learned.** Next, your student will answer questions in the Student Worktext designed to make additional connections to what they learned. Check on your student during this process in case they have their own questions.
- 6 **Apply your thinking to new problems.** In the final step, your student will answer Student Worktext questions independently. Be sure to check their answers to gauge how well they understand the lesson.

Following these steps together with your student will take practice. Be sure to reach out to your student's teacher if you have questions.

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How can I support my student's mathematical discourse at home?

Try these tips:

- **Discuss math concepts, such as time and measurement, when they arise in everyday situations**, like during shopping or planning outings.
- **Pose open-ended questions** that encourage problem solving, such as "How can we split this recipe in half?"
- **Reframe mistakes as learning opportunities** by saying things like, "Oops, that's okay! Mistakes help my brain grow."

The strategy that **makes the most sense** to me is...

Could you **explain** what the problem is asking?

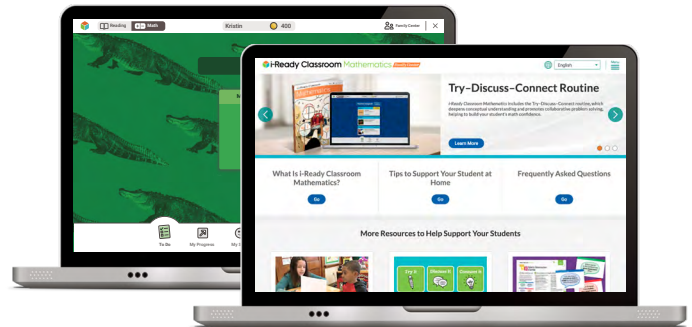
How did you begin to think about this problem?

Use these [Discourse Cards](#) or [Discourse Activities \(Grades K–5 | Grades 6–8\)](#) to get math conversations happening at home.

Where can I find more information on how to support my student at home?

Check out these resources to help you empower and inspire your student:

- **Access the student dashboard** where you'll find a digital copy of the Student Worktext and a Family Guide with at-home activities to try.
- **Partner with your student's teacher** to gain insight into your student's progress and mindset so you know how to best support them at home.



Explore the [i-Ready Classroom Mathematics Family Center](#) for additional resources to help you support your student's success in learning and loving math this year.

i-Ready Classroom Mathematics images shown are included as samples. Actual product may vary.