

Guide for Families



GRADES
2–5

Welcome to *i-Ready Classroom Mathematics*

This guide is designed to give you an easy way to understand how math learning happens in Grades 2–5. Inside, you’ll find an overview of what your student will be learning throughout the year, what math time typically looks like, and ideas for supporting learning at home.

Whether you’re new to the program or just looking for ways to stay involved, this guide is here to help you feel informed and connected to your student’s math experience this year.

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Get to Know *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 student?

The program is designed to engage your student in math learning through rich, high-quality, rigorous math lessons and activities that are meaningful, authentic, and fun. When learning with the program, your student will:

- Discuss math with peers and make connections between ideas during one of our instructional routines called the **Try–Discuss–Connect**¹ framework (see below for more information)
- Develop a strong **number sense**² as they solve problems and make connections with exploratory hands-on activities
- Learn to persevere through challenging problems and reflect on their learning

What is *i-Ready Inform*^{™*}?

*i-Ready Inform*³ is an adaptive assessment that helps identify what your student knows and what they’re ready to learn next. It adjusts in real time, giving harder questions when your student answers correctly and easier ones when they answer incorrectly.

Your student will take this assessment at the beginning, middle, and end of the year. It helps teachers understand each student’s strengths and areas for growth, so they can use the data alongside classroom assessments and observations to personalize instruction and monitor student progress.

What is the Try–Discuss–Connect framework? Why is it helpful?

Your student’s teacher uses an instructional framework called **Try–Discuss–Connect**¹, during which students make sense of problems, share ideas, and discuss thinking with their peers.

Engaging in **mathematical discourse**⁴ with classmates allows students to process new ideas, develop math confidence, and helps them better retain what they learn.

Try	Make sense of the problem.	Student Processing and Problem-Solving Time prepares students to participate in the classroom conversation.
	Solve and support your thinking.	
Discuss	Share your thinking with a partner.	Teacher-Facilitated Student Discourse engages students in doing most of the thinking and talking to better retain what they learn.
	Compare and connect strategies.	
Connect	Make connections and reflect on what you have learned.	Practice reinforces understanding.
	Apply your thinking to new problems.	

^{*}*i-Ready Inform* was formerly named *i-Ready Diagnostic*.

Year at a Glance: Math Topics

Here's a big-picture look at the math ideas students explore in Grades 2–5.

Grade 2

In Grade 2, your student will work on:

- Extending their understanding of base-ten notation up to 1,000
- Building fluency with addition and subtraction to 100 and developing strategies to add and subtract within 1,000
- Measuring using standard units

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Numbers Within 20: Addition, Subtraction, and Data	Numbers Within 100: Addition, Subtraction, Time, and Money	Numbers Within 1,000: Place Value, Addition, and Subtraction	Length: Measurement, Addition and Subtraction, and Line Plots	Shapes and Arrays: Partitioning and Tiling Shapes, Arrays, Evens and Odds

Grade 3

In Grade 3, your student will work on:

- Adding and subtracting within 1,000 using concepts of place value
- Developing an understanding of multiplication and division and using strategies to multiply and divide within 100
- Developing an understanding of the structure of rectangular arrays and the concept of area
- Developing an understanding of fractions, including unit fractions or fractions with a numerator of 1

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Three-Digit Numbers: Place Value, Addition, and Subtraction	Multiplication and Division: Concepts, Relationships, and Patterns	Multiplication: Finding Area, Solving Word Problems, and Using Scaled Graphs	Fractions: Equivalence and Comparison, Measurement, and Data	Measurement: Time, Liquid Volume, and Mass	Shapes: Attributes and Categories, Perimeter and Area, and Partitioning

Grade 4

In Grade 4, your student will work on:

- Understanding place value, including whole numbers to 1,000,000 and decimals to hundredths
- Multiplying using multidigit numbers and dividing with multidigit dividends
- Adding and subtracting fractions and mixed numbers with like denominators, recognizing and generating equivalent fractions, and multiplying fractions by whole numbers

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Whole Numbers: Place Value, Comparison, Addition, and Subtraction	Operations: Multiplication, Division, and Algebraic Thinking	Multi-Digit Operations and Measurement: Multiplication, Division, Perimeter, and Area	Fractions, Decimals, and Measurement: Addition, Subtraction, and Multiplication	Geometry and Measurement: Figures, Classification, and Symmetry

Grade 5

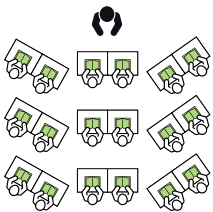
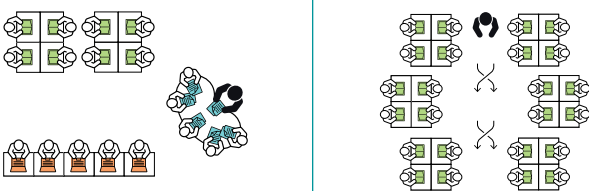
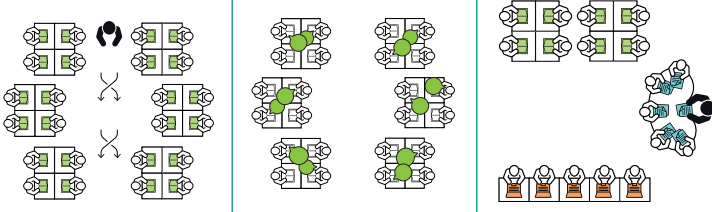
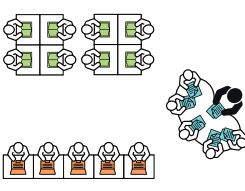
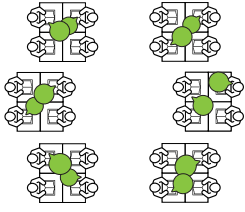
In Grade 5, your student will work on:

- Fluently computing with whole numbers, including learning a traditional algorithm for multiplication and dividing with up to two-digit divisors
- Deepening understanding of the place value system and learning to read, write, compare, and compute with decimals to thousandths
- Adding and subtracting fractions with unlike denominators and using estimation and an understanding of the relationship of multiplication and division to multiply and divide fractions (in limited cases)
- Developing an understanding of the concept of volume, recognizing that it is additive, and learning how to apply the formula for volume to solve real-world problems

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Whole Number Operations and Applications: Volume, Multiplication, and Division	Decimals and Fractions: Place Value, Addition, and Subtraction	More Decimals and Fractions: Multiplication and Division	Measurement, Data, and Geometry: Converting Units, Using Data, and Classifying Figures	Algebraic Thinking and the Coordinate Plane: Expressions, Graphing Points, Patterns, and Relationships

What Does Math Time Look Like?

Teachers using *i-Ready Classroom Mathematics* create active and engaging classrooms, focused on helping students become strong mathematical thinkers. Below is an example of how a day of instruction might look. Keep in mind, the program is intended to be flexible, and each teacher may implement it differently to accomplish learning goals.

5 MINUTES Start			
Students activate prior knowledge.			
25-50 MINUTES Explore, Develop, or Refine Sessions			
On days where students engage in Explore sessions, they connect to prior knowledge and are introduced to new lesson content.	Connect to Prior Knowledge		
On days where students engage in Develop sessions, they build their conceptual understanding ⁷ using rich tasks, problem solving, and mathematical discourse.			
In these sessions, students experience the Try–Discuss–Connect framework and make connections to solidify their learning.	Student Processing Time	Student-Centered Math Discussions	Deepen Learning Practice
On days where students engage in Refine sessions, they strengthen skills with practice and engage in tailored small group work.			
Practice and Strengthen Skills			
5 MINUTES Close			
Students reflect on the day's learning.			

Use the Student Digital Experience at Home

Your student's math program includes a [Student Digital Experience⁶](#), which is a platform that can be used in school and at home to support and extend learning. Once you're logged in, you'll find digital versions of classroom materials, tools, and games to reinforce what your student is learning in class.



From a Computer:

- If your student's district/school:
 - **Uses a portal**, your student should log in using their district's/school's portal credentials and then click on the *i-Ready* icon
 - **Does NOT use a portal**, your student should visit [i-ReadyConnect.com](https://i-Ready.com) and log in to *i-Ready* directly on a computer using the credentials provided by their teacher(s)

Access the [Technical and Troubleshooting Guide for Families](#) or visit i-Ready.com/Support to confirm that your device and internet connection meet i-Ready System Requirements.



On an iPad®:

- **Download the free *i-Ready Connect™ for Students* app** from the App Store®. Your student's iPad must be compatible with iPadOS® 17.3 or above. For more information, please see the [i-Ready Connect System Requirements](#).
- If your student's district/school:
 - **Uses Clever®**, download the Clever app, log in using their district's/school's portal credentials, and click on the *i-Ready* icon
 - **Uses a portal that is NOT Clever**, students should open the Safari® browser, enter their district's/school's portal URL, log in, and click on the *i-Ready* icon
 - **Does not use a portal**, they should open the *i-Ready Connect for Students* app and log in to *i-Ready* using the credentials provided by their teacher(s)

1. **To Do** is where students can access their Teacher-Assigned Lessons. [Digital Practice⁷](#) sets assigned by their teacher also appear here.
2. **Bookshelf** includes the Student Worktext and additional Family Resources, such as [Family Letters⁸](#) and [Unit Flow and Progression Videos⁹](#).
3. **Tools** are digital math tools that engage students with building and conceptualizing math problems.
4. **Learning Games¹⁰** are a fun and engaging way for students to practice, improve fluency, and develop a positive relationship to challenge.
5. **For Families** includes information about *i-Ready Classroom Mathematics*, including the [Family Center¹¹](#), which has resources that help you support your student's mathematical journey.



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View Your Student's Progress on *i-Ready Inform*

Once your student has completed *i-Ready Inform*, their teacher has access to your student's results. The teacher may share the results with you in a parent conference, by sending you a copy of the report, or by providing a code you can use to access the For Families report on your student's dashboard (if your district uses this method).

If Your District Does Not Use the For Families Report

If your district does not use the For Families report on the student dashboard, the teacher may share the results with you directly as described above. For more information, you will see a link to the *i-Ready* Family Center on your student's dashboard where you can find resources and helpful tools to understand your student's results and help support them at home.

If Your District Uses the For Families Report

If your district uses the For Families report on the student dashboard, you can access the report to see how your student performed on the *i-Ready Inform* assessment. Have your student sign in to *i-Ready* and you will see For Families on the student dashboard. When you select it, you will see two options: Family Center and For Families Report.

- **Family Center** links to resources and helpful tools to support your student at home.
- **For Families Report** allows you to view your student's results.

Ensure you have the District Report Code shared by your student's teacher or school to access their results.



Frequently Asked Questions

Is there a Family Center website where I can find more information?

Yes! The Family Center is your go-to place for tools designed to help you feel confident supporting your student's math journey. To access the Family Center, log in to i-ReadyConnect.com with your student's username and password provided by the teacher, and click For Families.

How do I log in to the Student Digital Experience?

Go to i-ReadyConnect.com. Your student's teacher can provide their login info. (If your school uses Clever, follow the login instructions from your teacher.) Once logged in, you'll find access to lessons, digital tools, Learning Games, the Student Bookshelf, and the Family Center.

How can I stay informed about what my student is learning in math?

Check for Family Letters to be sent home at the start of each lesson. These include learning goals, vocabulary, and simple at-home activities. Teachers may send Family Letters home, or you can also find them in the Student Worktext or on the Bookshelf in the Student Digital Experience.

How can I stay informed about my student's progress in mathematics?

The best way to stay informed is to talk regularly with your student's teacher—they can share how your student is doing and how you can help at home.

What should I ask at parent-teacher conferences?

Ask about your student's progress, how they approach math problems, and how you can support their learning at home. *Find additional suggestions of how to partner with your student's teacher on the Family Center.*

What is *i-Ready Inform*, and why does my student take it?

i-Ready Inform is an adaptive assessment that helps teachers understand what your student knows and what they're ready to learn next. *See page 2 for more information.*

Is *i-Ready Inform* graded?

No. *i-Ready Inform* is not graded and is not something your student can "pass" or "fail." It's simply a tool that helps guide teaching.

How can I find and understand my student's *i-Ready Inform* results?

Your student's teacher can share the For Families report, which provides data to indicate how your student performed in relation to their grade level as well as to students in the same grade level nationwide. *For more information on i-Ready Inform, log in to the Family Center.*

Continued on the next page

How can I talk to my student about math in a helpful way?

Ask reflective and open-ended questions and praise effort and determination. Some examples include:

- “What was something that felt tricky in math today? How did you figure it out?”
- “I’m really proud that you kept going even when you got stuck.”
- “Can you show me another way to solve that problem?”

Find additional resources and guidance to help you talk about math with your student on the Family Center.

What are math manipulatives, and how can I use them at home?

Manipulatives are hands-on tools like blocks or counters that help students understand math visually. You can use everyday objects like coins or buttons and drawings at home. *Find ideas for at-home manipulatives on the Family Center.*

What are Learning Games, and when should my student use them?

Learning Games are fun, interactive games that build math fluency and confidence. They’re found in the Student Digital Experience and align with what your student is learning. *Find a family guide for the Learning Games on the Family Center.*

What is Digital Practice, and how can my student use it at home?

Digital Practice is an interactive practice option that pairs with what your student is learning in class. When their teacher assigns a Digital Practice set, it will appear in the To Do list. Each set includes tips and hints to help students work through questions on their own. After your student completes a set, you and your student can view results on the student dashboard.



Glossary

1. Try–Discuss–Connect

A three-part instructional framework your student's teacher uses to guide math learning. It supports independent thinking, peer conversation, and deeper understanding.

- Try: Students work on a problem independently to develop their own ideas and strategies.
- Discuss: Students share their thinking with classmates, compare and connect approaches, and ask questions.
- Connect: The class brings ideas together to highlight important math concepts and build lasting understanding.

2. Number Sense

A student's ability to understand, relate to, and work with numbers. It includes skills like estimating, recognizing patterns, and knowing how numbers fit together.

3. *i-Ready Inform*

An adaptive assessment that helps identify what your student knows and what they're ready to learn next. It adjusts based on your student's responses and helps teachers personalize instruction.

4. Mathematical Discourse

Talking about math! Students explain their thinking, ask questions, and discuss strategies with others to deepen understanding.

5. Conceptual Understanding

When students truly understand why math works—not just how to do the steps. It's about seeing the meaning behind the math and making connections between ideas.

6. Student Digital Experience

The online platform where students access digital math tools, Learning Games, Family Letters, and more. It supports classroom learning with resources they can use at home.

To access, log in to i-ReadyConnect.com with your student's username and password provided by the teacher.

7. Digital Practice

Interactive practice sets assigned by your student's teacher. They appear in the To Do list in the Student Digital Experience. Tips and hints are built in to support students as they work toward correct answers independently. After completion, you and your student can view results on the student dashboard.

8. Family Letters

Letters that explain what your student will be learning in the upcoming week. They include math vocabulary and suggest simple ways to engage your student with math at home.

Teachers may send Family Letters home, or you can find them in the Student Worktext. You can also access them by logging in to i-ReadyConnect.com with your student's username and password provided by the teacher and navigating to the Family Resources on the Bookshelf.

9. Unit Flow and Progression Videos

Short videos available in the Student Digital Experience that explain how math ideas build over time and what your student will be learning in the current unit.

To access the videos, log in to i-ReadyConnect.com with your student's username and password provided by the teacher, and navigate to the Family Resources on the Bookshelf.

10. Learning Games

Digital games during which students practice fluency and skills in a way that develops internal motivation while encouraging perseverance.

To play the games, log in to i-ReadyConnect.com with your student's username and password provided by the teacher.

11. Family Center

An online website for families that includes videos, guides, and tools to help families support their student's math learning at home. It includes resources like conversation starters, reflection questions, and additional program information.

To access the Family Center, log in to i-ReadyConnect.com with your student's username and password provided by the teacher, and click For Families.