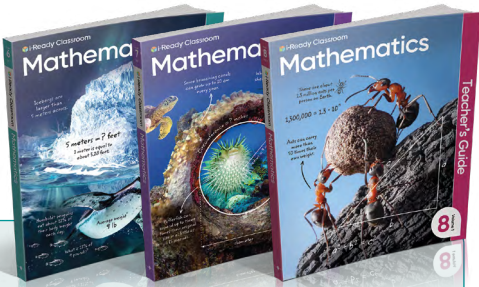*Quick-Start Guide:*

Grades 6–8

Overview of a Lesson Grades 6–8

The images shown are an example of how each day of instruction might look. However, *i-Ready Classroom Mathematics* is intended to be flexible based on the needs of students to accomplish learning goals.

Explore
1 DAY
- Connect to prior knowledge
- Introduce new lesson content

Start Activity	Connect to Prior Knowledge	Whole Class Exploration
• Always, Sometimes, Never • Same and Different • Which One Doesn't Belong? • Which Would You Rather?	• Address prerequisite skills based on Grade-Level Planning (Prerequisites) report • Whole class or small groups	*See Teacher's Guide*

Develop
1–3 DAYS
- Build multidimensional understanding using rich tasks, problem solving, discourse, and multiple representations
- Practice new skills and apply new learning

Start Activity	Try–Discuss–Connect Framework		
	Student Processing Time	Student-Centered Math Discussions	Deepen Learning and Practice
• Always, Sometimes, Never • Same and Different • Which One Doesn't Belong? • Which Would You Rather?			

Refine
1 DAY
- Strengthen skills and understanding with in-class practice time
- Reteach, reinforce, and extend learning

Start Activity	Differentiation—Practice and Centers
• Check for Understanding • Error Analysis	**Student-Led Options:** Center Activities (current or Prerequisite Lessons), Enrichment Activities, Unit Games (on-grade level to review, prerequisites to accelerate to grade level), Grade Level Games (Grades K–2) **Teacher-Led Options:** Teacher's Guide Activities, Tools for Instruction, Center Activities, Interactive Tutorials (current or Prerequisite Lessons) **Independent Options:** Refine Practice (Student Worktext), Fluency and Skills Practice, Digital Learning Games, *i-Ready Personalized Instruction*

Guidance for Grade-Level Planning (Prerequisites) Report

Derived directly from your students' Diagnostic results, the Grade-Level Planning (Prerequisites) report is one powerful data tool available to support your on-grade level instruction. This report identifies learning needs and suggests student groups that align with each *i-Ready Classroom Mathematics* unit, eliminating the need to assess students before the unit.

As you plan a unit or lesson, you should use the information provided in the Grade-Level Planning (Prerequisites) report to inform plans for whole class instruction and make strategic choices about instructional resources to be used with small groups as needed.

Use this report to see a picture of students' learning needs in relation to the grade-level content of the *i-Ready Classroom Mathematics* unit selected, including:

A. Use the **top navigation dropdown** to select an *i-Ready Classroom Mathematics* unit and set of lessons within the unit as the focus for the report.

B. **Know the Math** provides an overview of the concept and skills developed throughout the unit and links to the **Unit Flow and Progression Video** and **Learning Progression** for deeper understanding of the mathematics content.

C. **Identify Class Prerequisite Needs** provides a high-level overview of whole class readiness for the selected lessons.

   C1. **Maximize Whole Class Instruction** includes resources such as **Unit and Lesson Support** for on-the-spot teaching tips to scaffold grade-level instruction or the **Yearly Pacing for Prerequisites** with suggestions to consolidate or adjust lessons in the unit to further address prerequisite skills.

   C2. **Understand Grouping** provides information from the Diagnostic Assessment as context for students' Unit Group placements.

D. **Prerequisite Skills for Upcoming Instruction** details prerequisite skills for the content in the lesson(s). Students are separated into three or four groups based on their results from the most recent Diagnostic. Individual student names are displayed by clicking the group name. Within each group, the data indicates which students have likely acquired each skill (Likely Acquired), may need monitoring and support of the skill (Monitor and Support), or may benefit from more significant work on a skill (In-Depth Review).

   D1. The **Priority Prerequisite Skill** indicates that this prerequisite skill is a key skill students will build upon in the lesson(s). If students need support with numerous prerequisite skills, teachers may wish to focus their efforts on this skill to optimize instructional time and stay on track with suggested pacing guidelines.

   D2. **View Resources** links to recommendations of instructional resources, organized by each lesson within the unit. Use these resources to address prerequisite skill needs with students as time permits.

i-Ready Classroom Mathematics
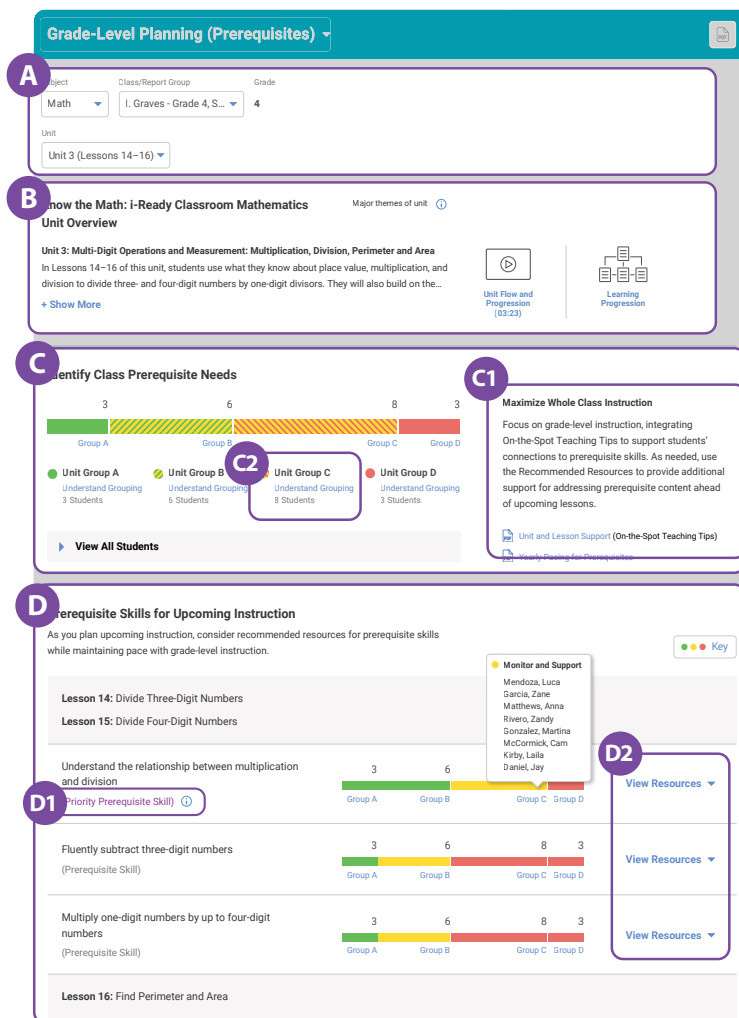
Connect to and build prior knowledge | Introduce new lesson content
As you prepare for the Explore sessions, review this guide while filling out your planning template.

- ☐ Review the **Start Activity Routine** and *Purpose* in the **Teacher's Guide** on the top left corner.
- ☐ Prepare to increase engagement by incorporating **Engagement Protocols** and **Connect to Language Development**.
- ☐ Download the presentation slides for the Explore session.
- ☐ Decide which questions in the slide notes you would like to ask the class. You may want to add the question to the slide as a reminder.

- ☐ Refer to **Grade-Level Planning (Prerequisites) report** groupings and use the *Recommendations* resources.
  - • On page 1 of the *Recommendations* PDF, review the *Overview* section that indicates which prerequisite skills are directly connected to each of the upcoming lessons.
  - • If there are multiple prerequisites, prioritize the Essential Skill or the most appropriate prerequisite skill.
  - • Gather the associated resources to plan for stations below.

Stations Based on Grade-Level Planning (Prerequisites) Report

Student-Led Options *(Choose One)*	Independent Options *(Choose One)*	Whole Class/Teacher-Led Options *(Choose One)*
☐ **Prerequisite Center Activities** (Choose from on-level, below-level, and above-level versions available under Math Center Activities on the Teacher Toolbox.)	☐ **Prerequisite Fluency and Skills Practice** (in Develop sessions on the Teacher Toolbox)	☐ **Prerequisite Tools for Instruction** (under the Reteach column on the Teacher Toolbox)
☐ **Prerequisite Enrichment Activities** (under the Extend column on the Teacher Toolbox)	☐ **Prerequisite Interactive** (i.e., digital) **Practice** (Learn how to assign.)	☐ **Prerequisite Interactive Tutorials** (under Interactive Tutorials on the Teacher Toolbox)
	☐ **Prerequisite Learning Games** (Learn more about the games and their use.)	
	☐ **Prerequisite *i-Ready Personalized Instruction* lessons** (if available for pilot)	

- ☐ **Whole Class:** Introduce new lesson content. Students transfer prerequisite skills exposure to new content.

- ☐ **Exit Ticket**

- ☐ **Additional Practice/Homework**
  - • Develop Math Language
  - • Deepen Prerequisite Knowledge

- ☐ Consider how families will access the **Family Letter**:
  - • Student Worktext
  - • Family Resources via Student eBook (multiple languages available)

i-Ready Classroom Mathematics

Grades 6–8

PLANNING GUIDE
Explore

Start Activity Routine

- ☐ Which One Doesn't Belong?
- ☐ Which Would You Rather?
- ☐ Always, Sometimes, Never
- ☐ Same and Different

Engagement Protocols:

Support for English Learners:

Student-Led Options *(Choose One)*

- ☐ **Prerequisite Center Activities**
  (Choose from on-level, below-level, and above-level versions available under Math Center Activities on the Teacher Toolbox.)

- ☐ **Prerequisite Enrichment Activities**
  (under the Extend column on the Teacher Toolbox)

Independent Options *(Choose One)*

- ☐ **Prerequisite Fluency and Skills Practice**
  (in Develop sessions on the Teacher Toolbox)

- ☐ **Prerequisite Interactive** (i.e., digital) **Practice**
  (Learn how to assign.)

- ☐ **Prerequisite Learning Games**
  (Learn more about the games and their use.)

- ☐ **Prerequisite *i-Ready Personalized Instruction* lessons**
  (if available for pilot)

Teacher-Led Options *(Choose One)*

- ☐ **Prerequisite Tools for Instruction** (under the Reteach column on the Teacher Toolbox)

- ☐ **Prerequisite Interactive Tutorials** (under Interactive Tutorials on the Teacher Toolbox)

Whole Class

- ☐ **Try It**
- ☐ **Discuss It**
- ☐ **Connect It**

Prerequisites Practice Options

- ☐ Additional Practice pages
- ☐ Fluency and Skills
- ☐ Assignable Interactive Practice

- ☐ Learning Games
- ☐ Center Activities (on/above/below)

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i-Ready Classroom Mathematics

Build multidimensional understanding using rich tasks, problem solving, discourse, and multiple representations | Explore new strategies and develop new learning

As you prepare for the Develop sessions, review this checklist while filling out your planning template.

- ☐ Review the **Start Activity Routine** and *Purpose* in the **Teacher's Guide** on the top left corner.
- ☐ Prepare to increase engagement by incorporating **Engagement Protocols** and **Connect to Language Development**.
- ☐ Download the presentation slides for the Develop session.
- ☐ Decide which questions in the slide notes you would like to ask the class. You may want to add the question to the slide as a reminder.

Try It: Students make sense of the problem and persevere in solving them.

Make Sense of the Problem	**Solve and Support Thinking**	**Effective Practices**
☐ Select one of the language routines to build student ownership of reading the problem and building their understanding of the problem before attempting to solve: Three Reads, Notice and Wonder, Co-Craft Questions, Say It Another Way.	☐ Provide access to, and encourage use of various tools and manipulatives suggested in the Teacher's Guide so students can solve using the method or strategy of their choosing.	☐ Give students time to think, but don't wait for all students to develop a full solution. ☐ Circulate to observe student work and select and sequence student strategies to be shared.

Discuss It: Students share ideas with a partner, then discuss and compare teacher-selected strategies.

Share Your Thinking with a Partner	**Compare Class Strategies**	**Effective Practices**

☐ Students discuss their and their partner's strategies in preparation for whole class discussion, including why it is reasonable in the context of the problem and defending their thinking verbally and using representations.
 ☐ Students show they are listening by rephrasing and asking questions of classmates to clarify understanding and discuss similarities and differences.
	☐ Lead students through analysis of preselected strategies by probing the entire class to make connections between and across shared strategies.
	 • Guidance in Teacher's Guide:
	   – Whole Class Discussion
	   – Ask/Listen For
	 • Additional Resource:
	   – Discourse Cards
		☐ Display session slides and Discourse Cards.
		 ☐ Display preselected student strategies. Then use individual think time and partner talk to promote students' ownership of sense making.
		 ☐ Prompt students to recognize, explain, and build on classmates' reasoning and/or errors in a solution strategy.

Connect It: Dive deeper into conceptual understanding and strategies.

Make Connections and Reflect	**Apply Your Thinking to a New Problem**	**Effective Practices**
☐ Display the Picture It and Model It slides. Ask the remaining aligned questions from the Teacher's Guide. ☐ Select 1–2 Connect It questions. Have students complete them verbally and/or in writing individually, in pairs, or as a class.	☐ Students practice by answering Apply It problems. ☐ Make Hands-On or Visual Activities available to all students.	☐ Integrate a few of the Connect It questions into the Discuss It section. ☐ Provide the lesson-specific Enrichment Activity to all students. ☐ Use the green Additional Practice pages in the Student Worktext as needed.

☐ **Exit Ticket**	**Practice**	
	☐ Apply It Problems	☐ Assignable Interactive Practice
	☐ Additional Practice pages	☐ Learning Games
	☐ Fluency and Skills	

i-Ready Classroom Mathematics

Start Activity Routine

☐ Which One Doesn't Belong?
☐ Which Would You Rather?
☐ Always, Sometimes, Never
☐ Same and Different

Engagement Protocols:

Support for English Learners:

Try It: Students make sense of the problem and persevere in solving them.

Make Sense of the Problem

Which language routine will you use? (see Teacher's Guide)

Solve and Support Thinking

Which manipulatives are recommended for this session? (see Teacher's Guide)

Effective Practices

☐ Give students time to think, but don't wait for all students to develop a full solution. This is "think time."

☐ Circulate the room to observe student work, listen to discussions, and select and sequence the student strategies to be shared in a way that builds thinking.

Discuss It: Students share ideas with a partner, then discuss and compare teacher-selected strategies.

Share Your Thinking with a Partner

Which student strategies are best to select for class analysis? (see Select and Sequence Strategies guidance in the Teacher's Guide)

Compare Class Strategies

Which recommended questions from the Teacher's Guide will you use?

Effective Practices

☐ Display and pose a sentence starter/question using session slides and Discourse Cards.

☐ Display preselected student strategies, then provide individual think time and partner talk to build student ownership of making sense of each representation.

☐ Prompt students to recognize, explain, and build on classmates' reasoning and/or errors in a solution strategy.

Connect It: Dive deeper into conceptual understanding and strategies.

Make Connections and Reflect on What You Have Learned

Which two to three Connect It questions will you address as a class?

Apply Your Thinking to a New Problem

Will students complete the Apply It practice with a partner or independently?

Effective Practices

☐ Integrate a few of the Connect It questions into the Discuss It section.

☐ Early finishers? Get ahead by providing all students the lesson-specific Enrichment Activity.

☐ For Additional Practice: See the green Practice pages in the Student Worktext.

Practice Options

☐ Apply It Problems
☐ Additional Practice pages
☐ Fluency and Skills

☐ Assignable Interactive Practice
☐ Learning Games
☐ Unit Games

☐ Center Activities (on/above/below)
☐ Enrichment Activity
☐ Comprehension Check

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i-Ready Classroom Mathematics

Strengthen skills and understanding with in-class practice | Reteach, reinforce, and extend learning

As you prepare for the Refine sessions, review this guide to focus on grade-level differentiation and cumulative lesson practice while filling out your planning template.

- ☐ Review the **Start Activity Routine** and *Purpose* in the **Teacher's Guide** on the top left corner.
- ☐ Prepare to support English Learners.
- ☐ Review Check for Understanding and Error Analysis in your Teacher's Guide.
- ☐ Download the Refine session slides.
- ☐ Decide which questions in the slide notes you would like to ask the class. You may want to add the question to the slide as a reminder.

- ☐ **Prepare groups** and see Differentiated Instruction options for Reteach, Extend, Reinforce, and Personalize guidance in the Teacher's Guide.
- ☐ To further differentiate, **locate the current grade-level lesson in Teacher Toolbox** and review Math Center Activities and Enrichment Activities.
- ☐ See **Program Implementation** to review and select the current grade-level **Digital Resource Correlations** showing the lesson associated to assign.
  - Learning Games Correlations
  - Interactive Practice Correlations
  - Prerequisite Interactive Tutorials Correlations
  - *i-Ready* Lesson Correlations

Student-Led Options	Independent Options	Whole Class/Teacher-Led Options
☐ **Grade-Level Center Activities** (Choose from on-level, below-level, and above-level versions available under Math Center Activities on the Teacher Toolbox.)	☐ **Student Worktext Refine practice**	☐ **Grade-Level Hands-On Activity** in the Teacher's Guide.
☐ **Grade Level Games** (under the Program Implementation tab on the Grades K–2 Teacher Toolbox)	☐ **Grade-Level Fluency and Skills Practice** (in Develop sessions on the Teacher Toolbox)	☐ **Grade-Level Challenge Activity** in the Teacher's Guide.
☐ **Grade-Level Enrichment Activities** (under the Extend column on the Teacher Toolbox)	☐ **Grade-Level Interactive** (i.e., digital) **Practice** (Learn how to assign.)	☐ **Grade-Level Tools for Instruction** in Teacher Toolbox.
☐ **Grade-Level Unit Games for prior units or grades** (in the End of Unit resources on the Teacher Toolbox)	☐ **Learning Games** (Learn more about the games and their use.)	☐ **Grade-Level Interactive Tutorial** in Teacher Toolbox.
	☐ **Cumulative Practice** (see Beginning of Unit resources on the Teacher Toolbox and in the back of the Student Worktext)	
	☐ *i-Ready Personalized Instruction lessons* (if available for pilot)	

☐ **Exit Ticket**

Start Activity Routine

☐ Check for Understanding
☐ Error Analysis

Engagement Protocols:

Support for English Learners:

Student-Led Options *(Choose One)*

☐ **Grade-Level Center Activities**
(Choose from on-level, below-level, and above-level versions available under Math Center Activities on the Teacher Toolbox.)

☐ **Grade Level Games**
(under the Program Implementation tab on the Grades K–2 Teacher Toolbox)

☐ **Grade-Level Enrichment Activities**
(under the Extend column on the Teacher Toolbox)

☐ **Grade-Level Unit Games** for prior units or grades
(in the End of Unit resources on the Teacher Toolbox)

Independent Options *(Choose One)*

☐ **Student Worktext Refine practice**

☐ **Grade-Level Fluency and Skills Practice**
(in Develop sessions on the Teacher Toolbox)

☐ **Grade-Level Interactive** (i.e., digital) **Practice**
(Learn how to assign.)

☐ **Learning Games** (Learn more about the games and their use.)

☐ **Cumulative Practice** (see Beginning of Unit resources on the Teacher Toolbox and in the back of the Student Worktext)

☐ *i-Ready Personalized Instruction* **lessons** (if available for pilot)

Teacher-Led Options *(Choose One)*

☐ **Grade-Level Hands-On Activity** in the Teacher's Guide.	☐ **Grade-Level Challenge Activity** in the Teacher's Guide.	☐ **Grade-Level Tools for Instruction** in Teacher Toolbox.	☐ **Grade-Level Interactive Tutorial** in Teacher Toolbox.

Grade-Level Practice

☐ Refine Practice Pages ☐ Fluency and Skills	☐ Assignable Interactive Practice ☐ Fluency Flight	☐ Learning Games ☐ Unit Games ☐ Enrichment Activity	☐ Lesson Center Activities (on/above/below) ☐ Comprehension Check (Learn more.)

i-Ready Classroom Mathematics

Notes: