Using Data to Address Unfinished Learning

Diagnostic data generates the Prerequisites report, which helps you identify students' prerequisite learning needs and provides guidance on how to best integrate prerequisite instruction into your grade-level scope and sequence for the year.

Use the Prerequisites Report to:	When:
• Understand the level of prerequisite support students need in preparation for upcoming grade-level content. • Access resources to use with groups of students who need additional support or in-depth review of prerequisite skills for the upcoming lessons.	In advance of a unit and/or group of lessons

There is one Prerequisites report for this unit which supports multiple prerequisite skills. The Essential Skill for this unit is:

Lessons	Essential Skill
1–5	Add within 1,000

How to Use the Prerequisites Report

1 Read the **Unit Overview** that describes the learning within that group of lessons.

2 Review the list of **prerequisite skills**, considering how each one connects to the grade level lessons ahead. If time is limited, give extra focus to the Essential Skill.

3 Watch the **Unit Flow & Progression Video**, making note of how the Essential Skill and other prerequisites connect to the math concepts presented.

4 Look at the data, starting with the row showing class performance on the Essential Skill.

5 Consider placement and performance of all students, noting both strengths to build upon and any other areas of need.

Refer to the **Recommended Guidance and Resources** on i-Ready Classroom Central to support all students in accessing and advancing their understanding of the grade-level content.

Understanding the Resources in the Prerequisites Report

Prerequisites ▾

Subject	Class/Report Group	Grade	Unit
Math	All Math Students	Grade 4	Unit 1 (Lessons 1–5)

Unit Overview — Major Themes of Unit ⓘ

Unit 1: Whole Numbers: Place Value, Comparison, Addition, and Subtraction

In Lessons 1–5 of this unit, students build on their understanding of place value, rounding, and addition and subtraction of three-digit numbers. They explore place value to the hundred-thousands place, rounding, comparing, adding, and subtracting multi-digit numbers.

① Unit Flow & Progression Video

② Learning Progression

Whole Class

After familiarizing yourself with the needs of the students based on the data below, you may decide to address these prerequisite skills during whole class instruction.

③ PDF — Unit and Lesson Support

④ PDF — Yearly Pacing for Prerequisites

Prerequisite Groups

⑤

Prerequisites	Unit Group A — 4 Students — Recommendations ⧉	Unit Group B — 5 Students — Recommendations ⧉	Unit Group C — 6 Students — Recommendations ⧉	Unit Group D — 4 Students — Recommendations ⧉
Round to the nearest ten or hundred	✓	Additional Support	In-depth Review	In-depth Review
Essential Skill Add within 1,000	✓	✓	Additional Support	In-depth Review
Subtract within 1,000	✓	Additional Support	In-depth Review	In-depth Review
	Madera, Isabella Marcus, Joseph Nguyen, Eric Rodriguez, Jeremy	Foster, Claire López, Madeline Nasuti, Kevin O'Connor, Liam Petrov, Mariana	Chen, Nadia Dorsey, Justin Flores, Shandra Martin, Holly Medeiros, Nick Nelson, Sean	Charnas, Brendan Jones, Aisha Kovac, Valarie Williams, Gerald

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Recommendations: Unit Group C — i-Ready

Grade	Grade 4
Unit	Unit 1 (Lessons 1–5)

Unit 1: Whole Numbers: Place Value, Comparison, Addition, and Subtraction

Group Description

Round to the nearest ten or hundred	In-depth Review
Add within 1,000 *Essential Skill*	Additional Support
Subtract within 1,000	In-depth Review

Your students' most recent Diagnostic results indicate that those in this group may benefit from review of each of the prerequisite skills for Lessons 1–5, based on a placement of Grade 3 in the NO domain and/or Grade 2 in the ALG domain.

Additional support may be required to fill small gaps that likely existed on the testing date, as indicated in the chart. In-depth review may be required to fill more significant gaps.

ⓐ Overview

Lesson 1: Understand Place Value
Lesson 2: Compare Whole Numbers
Lesson 3: Round Whole Numbers
• Round to the nearest ten or hundred – In-depth Review

Lesson 4: Add Whole Numbers
• Add within 1,000 – Additional Support
Essential Skill

Lesson 5: Subtract Whole Numbers
• Subtract within 1,000 – In-depth Review

Recommendations: Unit Group C — i-Ready

ⓑ Lesson 5: Subtract Whole Numbers

Subtract within 1,000 – In-depth Review

Skill: Subtract Three-Digit Numbers (Grade 2)

Teacher-led Small Groups
• Tools for Instruction: Subtract Three-Digit Numbers

Independent Reinforcement
• Learning Games: Hungry Fish
• Learning Games: Match

See Grade 2 Lesson 17 for Ready Classroom Math Teacher Toolbox resources

Skill: Subtract Three-Digit Numbers (Grade 3)

Teacher-led Small Groups
• Instruction and Practice: Subtract Three-Digit Numbers (select from all resources)

Independent Reinforcement
• Learning Games: Hungry Fish
• Learning Games: Cupcake
• Learning Games: Pizza

See Grade 3 Lesson 3 for Ready Classroom Math Teacher Toolbox resources

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① The **Unit Flow and Progression Video** provides background about the content covered in the unit and shows the flow of ideas that students will learn and build upon.

② The **Learning Progression** illustrates the instructional path of skills across grades. It ties previous content to the lessons students are about to encounter.

③ The **Unit and Lesson Support** provides access to on-the-spot teaching tips. If your students require additional support with unfinished learning, you can use these tips while you teach grade-level lessons.

> ◆ **ON-THE-SPOT TEACHING TIPS FOR GRADE 4**
> • **Relate subtraction and addition.** Students may find the adding-on strategy for finding the difference between two numbers easier to apply than the standard algorithm for subtraction, particularly when regrouping is necessary. This can be a useful strategy for students to continue using to check their answers, as they work toward fluency with the standard algorithm throughout the year.

④ The **Yearly Pacing for Prerequisites** guidance helps you to identify when it is best to incorporate prerequisite lessons and where to consolidate other grade-level lessons. If most students in your class require in-depth review, you can use the pacing guidance in conjunction with the **Unit and Lesson Support**.

⑤ Each prerequisite group has a set of **Recommendations**. If a small number of students need in-depth review, you can use the recommendations to address students' learning needs during small-group instruction. The recommendations include:

ⓐ An overview of the skills that are directly tied to each lesson.

ⓑ A list of print and digital resources, including Tools for Instruction, Center Activities, Fluency and Skills Practice, and Learning Games, that can help address prerequisite skills.

Go to **i-Ready Classroom** *Central* to learn more about the Prerequisites report.