

# Prerequisites Report Overview

## 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:
<ul style="list-style-type: none"> <li>Understand the level of prerequisite support students need in preparation for upcoming grade-level content.</li> <li>Access resources to use with groups of students who need additional support or in-depth review of prerequisite skills for the upcoming lessons.</li> </ul>	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 Skills for this unit are:

### Lessons Essential Skill

1-3	Add within 100 using concrete models
1-3	Subtract within 100 using concrete models

## 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.

The screenshot shows the 'Prerequisites' report interface. At the top, filters for Subject (Math), Class/Report Group (All Math Students), Grade (Grade 3), and Unit (Unit 1 (Lessons 1-3)) are visible. Callout 1 points to the 'Unit Overview' section, which includes 'Major Themes of Unit' and a description of 'Unit 1: Three-Digit Numbers: Place Value, Addition, and Subtraction'. Callout 2 points to the 'Prerequisite Groups' table, which shows performance for 'Unit Group A' (4 Students), 'Unit Group B' (5 Students), 'Unit Group C' (6 Students), and 'Unit Group D' (4 Students). Callout 3 points to the 'Unit Flow & Progression Video' icon. Callout 4 points to the 'Essential Skill' row in the prerequisite table, which shows 'Add within 1,000 using concrete models'. Callout 5 points to the student list at the bottom, which includes names like Madera, Isabella; Foster, Claire; Chen, Nadia; and Charnas, Brendan.

# Understanding the Resources in the Prerequisites Report

**Prerequisites**

Subject: Math | Class/Report Group: All Math Students | Grade: Grade 3 | Unit: Unit 1 (Lessons 1–3)

**Unit Overview** Major Themes of Unit

**Unit 1: Three-Digit Numbers: Place Value, Addition, and Subtraction**  
 In Lessons 1–3 of this unit, students extend and then use their understanding of place value as they learn to round whole numbers to the nearest ten and hundred and add and subtract three-digit numbers.

**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.

**Prerequisite Groups**

Prerequisites	Unit Group A 4 Students	Unit Group B 5 Students	Unit Group C 6 Students	Unit Group D 4 Students
Understand hundreds, tens and ones.	✓	Additional Support	Additional Support	In-depth Review
Understand the properties of addition and subtraction.	✓	✓	Additional Support	In-depth Review
<b>Essential Skill</b> Add within 1,000 using concrete models.	✓	Additional Support	In-depth Review	In-depth Review
<b>Essential Skill</b> Subtract within 1,000 using concrete models.	✓	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

- 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 3

- **Connect addition and subtraction.** Students relate subtraction to addition when they use the adding on strategy to find a difference. Reinforce understanding of the relationship between the two operations by having students use addition to check their answers to subtraction problems. For example, after students find that the difference  $451 - 184$  is 267, they can add 267 and 184 to see that they get a sum of 451.

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

**Recommendations: Unit Group C**

Grade: Grade 3 | Unit: Unit 1 (Lessons 1–3)

**Unit 1: Three-Digit Numbers: Place Value, Addition, and Subtraction**

**Group Description**

Understand hundreds, tens, and ones	Additional Support	Your students' most recent Diagnostic results indicate that those in this group may benefit from review of each of the prerequisite skills for Lessons 1–3, based on a placement of Grade 2 in the NO domain and below Grade 1 in the ALG domain, or a placement of Grade 1 in NO and at least Grade 2 in ALG.
Understand the properties of addition and subtraction	Additional Support	
Add within 1,000 using concrete models <i>Essential Skill</i>	In-depth Review	
Subtract within 1,000 using concrete models <i>Essential Skill</i>	In-depth Review	

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: Use Place Value to Round Numbers**

- Understand hundreds, tens, and ones – Additional Support

**Lesson 2: Add Three-Digit Numbers**

- Understand the properties of addition and subtraction – Additional Support
- Add within 1,000 using concrete models – In-depth Review

**Lesson 3: Subtract Three-Digit Numbers**

- Subtract within 1,000 using concrete models – In-depth Review

**Recommendations: Unit Group C**

Grade: Grade 3 | Unit: Unit 1 (Lessons 1–3)

**Recommended Resources**

Students can access Learning Games through their dashboard.

All other recommended resources can be found in the Ready Classroom Math Teacher Toolbox. In the top navigation, first select Assess & Teach, and then Ready Classroom Math Teacher Toolbox to find the resources listed below.

**Lesson 1: Use Place Value to Round Numbers**

**Understand hundreds, tens, and ones** – Additional Support

**Skill: Understand Three-Digit Numbers (Grade 2)**

**Teacher-led Small Groups**

- Tools for Instruction: Model Three-Digit Numbers

**Student-led Small Groups**

- Center Activity: Three-Digit Number Vocabulary
- Center Activity: Understand Three-Digit Numbers
- Center Activity: Skip Count by 10s and 100s

**Independent Reinforcement**

- Instruction and Practice: Fluency and Skills Practice
- Learning Games: Zoom
- Learning Games: Bounce

**Skill: Read and Write Three-Digit Numbers (Grade 2)**

**Teacher-led Small Groups**

- Tools for Instruction: Read and Write Three-Digit Numbers

**Student-led Small Groups**

- Center Activity: Three-Digit Number Vocabulary Match
- Center Activity: Ways to Write a Number

**Independent Reinforcement**

- Instruction and Practice: Fluency and Skills Practice

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