

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"> 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 are two Prerequisites reports for this unit and each one supports multiple prerequisite skills. The Essential Skills for each group of lessons are:

Lessons Essential Skill

1–3	Add within 20
4–5	Add and subtract to solve word problems

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 2), and Unit (Unit 1 (Lessons 1-3)) are visible. The main content is divided into several sections:

- 1 Unit Overview:** Describes the unit's major themes and provides a summary of the learning goals for Lessons 1-3.
- 3 Unit Flow & Progression Video:** A video resource showing how the Essential Skill and other prerequisites connect to the math concepts presented.
- Whole Class:** A section for addressing prerequisite skills during whole class instruction, with links to PDFs for 'Unit and Lesson Support' and 'Yearly Pacing for Prerequisites'.
- Prerequisite Groups:** A table showing performance data for three groups of students (Unit Group A, B, and C) across various prerequisite skills.

Prerequisite	Unit Group A (4 Students)	Unit Group B (5 Students)	Unit Group C (6 Students)
Apply addition strategies to 10	✓	✓	In-depth Review
Essential Skill Add within 20	✓	Additional Support	In-depth Review
Apply subtraction strategies	✓	Additional Support	In-depth Review
Add and subtract to solve word problems	✓	Additional Support	In-depth Review
- 5 Student List:** A list of individual students grouped by their prerequisite needs, such as 'Madera, Isabella', 'Foster, Claire', and 'Chen, Nadia'.

Understanding the Resources in the Prerequisites Report

Prerequisites

Subject: Math | Class/Report Group: All Math Students | Grade: Grade 2 | Unit: Unit 1 (Lessons 1–3)

Unit Overview Major Themes of Unit

Unit 1: Numbers Within 20: Addition, Subtraction, and Data
 In Lessons 1–3 of this unit, students extend their understanding of adding and subtracting within 20 by building on what they know about using strategies to add and subtract. They also refine their understanding of the commutative and associative properties of addition by using related addition facts to solve subtraction problems. Students then represent and

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
Apply addition strategies to 10	✓	✓	In-depth Review
<i>Essential Skill</i> Add within 20	✓	Additional Support	In-depth Review
Apply subtraction strategies	✓	Additional Support	In-depth Review
Add and subtract to solve word problems	✓	Additional Support	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

- 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 2

- **Provide manipulatives.** Students can use counters to model solving addition equations with strategies such as make a ten and doubles plus one. For example, $8 + 9$ can be modeled as $7 + 10$ or as $8 + 8 + 1$.

- 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 2
Unit: Unit 1 (Lessons 1–3)

Unit 1: Numbers Within 20: Addition, Subtraction, and Data

Group Description

Apply addition strategies to 10	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 1–3, based on a placement of Grade K in either or both the ALG and NO domains. In-depth review may be required to fill the significant gaps that likely existed on the testing date, as indicated in the chart.
Add within 20	In-depth Review	
<i>Essential Skill</i>	In-depth Review	
Apply subtraction strategies	In-depth Review	
Add and subtract to solve word problems	In-depth Review	

Overview

Lesson 1: Mental Math Strategies for Addition

- Apply Addition Strategies to 10 – In-depth Review
- Add Within 20 – In-depth Review

Essential Skill

Lesson 2: Mental Math Strategies for Subtraction

- Apply Subtraction Strategies – In-depth Review

Lesson 3: Solve One-Step Word Problems

- Add and Subtract to Solve Word Problems – In-depth Review

Recommendations: Unit Group C

Grade: Grade 2
Unit: Unit 1 (Lessons 1–3)

Lesson 2: Mental Math Strategies for Subtraction

Apply Subtraction Strategies – In-depth Review

Skill: Subtract Within 10 (Grade K)

Teacher-led Small Groups

- Tools for Instruction: Subtract Within 10

Independent Reinforcement

- Learning Games: Hungry Guppy

Skill: Count On to Subtract (Grade 1)

Teacher-led Small Groups

- Instruction and Practice: Count On to Subtract (select from all resources)

Independent Reinforcement

- Learning Games: Hungry Guppy
- Learning Games: Hungry Fish

Skill: Make a Ten to Subtract (Grade 1)

Teacher-led Small Groups

- Instruction and Practice: Make a Ten to Subtract (select from all resources)

Independent Reinforcement

- Learning Games: Hungry Guppy
- Learning Games: Hungry Fish
- Learning Games: Match

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