

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 linked 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 Priority Prerequisite Skill for this unit is:

Lessons	Priority Prerequisite Skill
1–6	Find equivalent ratios

How to Use the Prerequisites Report

- 1

Read the **Unit Overview** that describes the learning within that group of lessons.
- 2

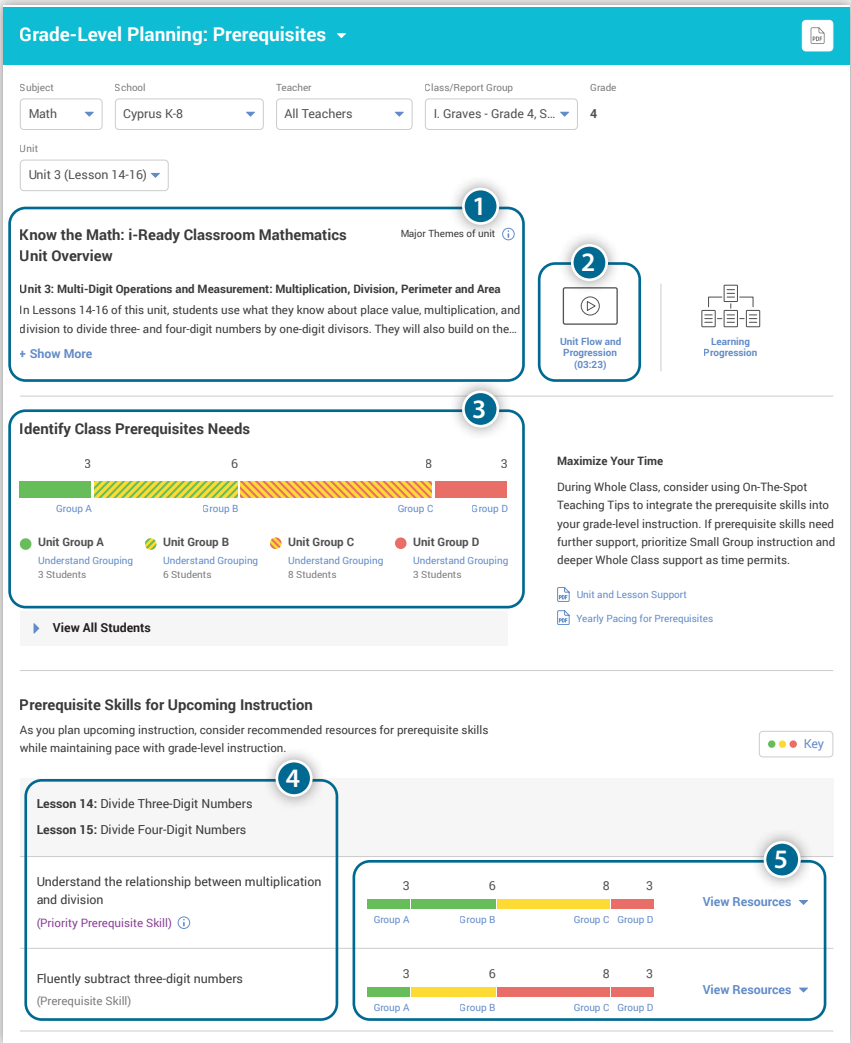
Watch the **Unit Flow & Progression Video**, making note of how the Priority Prerequisite Skill and other prerequisites connect to the math concepts presented.
- 3

Consider placement and performance of all students, noting both strengths to build upon and any other areas of need.
- 4

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 Priority Prerequisite Skill.
- 5

Look at the data, starting with the row showing class performance on the Priority Prerequisite Skill.

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



Sample Report

Understanding the Resources in the Prerequisites Report

- 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

Each prerequisite group has a set of **Recommendations**. 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 linked print and digital resources, including Tools for Instruction, Center Activities, Fluency and Skills Practice, and Learning Games, that can help address prerequisite skills.
- 4

Under Maximize your time, you can find the **Unit and Lesson Support**, which provides access to On-The-Spot teaching tips. If your students require additional support, you can use these tips while you teach grade-level lessons.
- 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**.
- Go to Success Central to learn more about the Prerequisites report.
- The image displays a 'Sample Report' titled 'Grade-Level Planning: Prerequisites'. It is a screenshot of a web application interface. The top section, 'Know the Math: i-Ready Classroom Mathematics Unit Overview', provides context for Unit 3: Multi-Digit Operations and Measurement. Below this, 'Identify Class Prerequisites Needs' shows a bar chart for four groups (A, B, C, D) with counts 3, 6, 8, and 3 respectively. Group C is highlighted. The 'Prerequisite Skills for Upcoming Instruction' section lists skills like 'Understand the relationship between multiplication and division' and 'Fluently subtract three-digit numbers'. The bottom section, 'Recommended Resources for Prerequisite: Understand the relationship between multiplication and division', lists various resources like 'Tools for Instruction', 'Center Activities', and 'Fluency and Skills Practice' categorized by student group.

Grade-Level Planning: Prerequisites

Subject: Math School: Cyprus K-8 Teacher: All Teachers Class/Report Group: I. Graves - Grade 4, S... Grade: 4

Unit: Unit 3 (Lesson 14-16)

Know the Math: i-Ready Classroom Mathematics Unit Overview

Unit 3: Multi-Digit Operations and Measurement: Multiplication, Division, Perimeter and Area

In Lessons 14-16 of this unit, students use what they know about place value, multiplication, and division to divide three- and four-digit numbers by one-digit divisors. They will also build on the...

+ Show More

Identify Class Prerequisites Needs

3 6 8 3

Group A Group B Group C Group D

Unit Group A: Understand Grouping 3 Students

Unit Group B: Understand Grouping 6 Students

Unit Group C: Understand Grouping 8 Students

Unit Group D: Understand Grouping 3 Students

View All Students

Prerequisite Skills for Upcoming Instruction

As you plan upcoming instruction, consider recommended resources for prerequisite skills while maintaining pace with grade-level instruction.

Lesson 14: Divide Three-Digit Numbers

Lesson 15: Divide Four-Digit Numbers

Understand the relationship between multiplication and division (Priority Prerequisite Skill)

3 6 8 3

Group A Group B Group C Group D

View Resources

Fluently subtract three-digit numbers (Prerequisite Skill)

3 6 8 3

Group A Group B Group C Group D

View Resources

Grade-Level Planning: Prerequisites

Back

Recommended Resources for Prerequisite: Understand the relationship between multiplication and division (Priority Prerequisite Skill)

Supporting: Lesson 14: Divide Three - Digit Numbers, Lesson 15: Divide Four - Digit Numbers, (Grade 4, Unit 3)

View Resources

Monitor & Support

These students need Monitor and Support on the prerequisite skill. Check for understanding while continuing with grade-level instruction. If your students would benefit from support, consider the resources below.

Prerequisite skill learning progression for Lesson 14, 15

Grade 3: Understand the Meaning of Division (Lesson 10)

Grade 3: Understand How Multiplication and Division Are Connected (Lesson 11) (Priority Prerequisite Skill)

Teachers-led Small Groups

Tools for Instruction

Relate Multiplication and Division

Understand How Multiplication and Division Are Connected

Students-led Small Groups

Instruction and Practice

Use Related Fact

Find the Missing Number

Use Multiplication to Solve Division

Independent Reinforcement

Instruction and Practice

Fluency and Skills Practice
- Sample Report
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- UNIT 1 Prerequisites Report Overview Proportional Relationships
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