



Grade-Level Planning (Prerequisites)

The Grade-Level Planning (Prerequisites) report is based on students' results on the Diagnostic and helps you use the data to make instructional decisions about upcoming grade-level mathematics content.

Use For:

- Understanding students' learning needs in relation to upcoming grade-level mathematics content
- Informing unit/lesson planning by identifying prerequisite skills to prioritize, supports for whole class instruction, potential student groupings, and recommended resources to be used during classroom instruction

When:

In advance of a mathematics topic covered in grade-level instruction

1. **Navigation:** Use the Unit dropdown to select the mathematics topic coming up next in your grade-level instruction. Use the other dropdowns to navigate to a different Class/Report Group or Grade.
2. **Learning Progression:** Illustrates the path of mathematical skills acquisition across the grades, going back two or three years. It ties previous concepts directly to the new topics they support.
3. **Identify Class Prerequisite Needs:** Provides a high-level overview of whole class readiness for the selected topic. For more details about students in each group, click on Understand Grouping.
4. **Maximize Whole Class Instruction:** Prepare for whole class grade-level instruction by accessing topic support for On-the-Spot Teaching Tips.
5. **Prerequisite Skills for Upcoming Instruction:** Lists prerequisite skills that link to the content in this topic. 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).

Grade-Level Planning (Prerequisites)

1. **Navigation:** Subject: Math, Class/Report Group: I. Graves - Grade 4, S..., Grade: 4, Unit: Unit 3 (Lessons 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

2. **Learning Progression:** Unit Flow and Progression (03:23)

3. **Identify Class Prerequisite Needs:**

Group	Unit Group A	Unit Group B	Unit Group C	Unit Group D
Group A	3	6	8	3
Group B	3	6	8	3
Group C	3	6	8	3
Group D	3	6	8	3

4. **Maximize Whole Class Instruction:** Focus on grade-level instruction, integrating On-the-Spot Teaching Tips to support students' connections to prerequisite skills. As needed, use the Recommended Resources to provide additional support for addressing prerequisite content ahead of upcoming lessons.

5. **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)

Group	Group A	Group B	Group C	Group D
Group A	3	6	8	3
Group B	3	6	8	3
Group C	3	6	8	3
Group D	3	6	8	3

Fluently subtract three-digit numbers (Prerequisite Skill)

Group	Group A	Group B	Group C	Group D
Group A	3	6	8	3
Group B	3	6	8	3
Group C	3	6	8	3
Group D	3	6	8	3

Multiply one-digit numbers by up to four-digit numbers (Prerequisite Skill)

Group	Group A	Group B	Group C	Group D
Group A	3	6	8	3
Group B	3	6	8	3
Group C	3	6	8	3
Group D	3	6	8	3

Continued on next page.

6. **Priority Prerequisite Skill:** Indicates that this prerequisite skill is a key skill students will build upon in this topic. 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.
7. **View Resources:** Click to access resources to address the selected prerequisite skill with all students or groups of students.
8. **Recommended Resources for Prerequisite Skill:** Select the group of students to access resources for based on their likely understanding of the selected prerequisite skill.
9. **Prerequisite Skill Learning Progression:** See how the selected skill progresses across grade levels.
10. **Links to Instructional Resources:** Use these resources based on students' likely understanding of the selected skill.

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

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

7 View Resources ▾

All Students >
Likely Acquired >
Monitor and Support >
In-Depth Review >

Fluently subtract three-digit numbers (Prerequisite Skill)

Multiply one-digit numbers by up to four-digit numbers (Prerequisite Skill)

Lesson 16: Find Perimeter and Area

Understand area and perimeter (Prerequisite Skill)

8 Recommended Resources for Prerequisite Skill:
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 ▾
All Students ▾

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Prerequisite skill learning progression for Lessons 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) ⓘ

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Teacher-Led Small Groups

Solve Problems Involving Equal Shares

Relate Multiplication and Division

Understand How Multiplication and Division Are Connected

Center Activity

Use Related Fact

Find the Missing Number

Use Multiplication to Solve Division

Student-Led Small Groups

Fluency and Skills Practice