



Purpose of Document

This document describes the prerequisites for each ST Math Objective in the 2023-2024 school year Common Core curriculum. Any effective reordering of Objectives should respect the indicated Objective prerequisites in order to avoid breaking the internal coherence, schema building, and content dependencies that exist between certain Objective pairs.

Considerations for Curriculum Reordering

Even though the ST Math Objective order can be changed to match your school / textbook topic ordering, the length of time students spend on topics may differ due to the personalized nature of ST Math. For example, your school / textbook syllabus may schedule 2 weeks for Counting to 10, but students who need more time may take 4 weeks in ST Math.

Prerequisite Objectives

Prerequisite Objectives should be played before the indicated ST Math Objective. The left side of the table below displays each ST Math Objective in the default order and the right side shows the immediate prerequisite for each Objective.

Please consider: Any immediate prerequisite in the right column may have its own prerequisites. Objectives that are positioned by default later in the Journey will likely have a chain of prerequisites.

Grade 8

Journey

| ST Math Objective | Is a prerequisite for | Prerequisite(s) |
|-----------------------------------|-----------------------|----------------------------|
| Rational Concepts | | |
| Unit Rates, Tables, and Graphs | | |
| Solving One-Step Equations | 1 Objective | |
| Solving Two-Step Equations | 2 Objectives | Solving One-Step Equations |
| Solving Linear Equations | 1 Objective | Solving Two-Step Equations |
| Exponents and Squares | | |
| Scale and Slope Graphs | | |
| Function Concepts | | Solving Linear Equations |
| Graphing Linear Functions | | Solving Two-Step Equations |
| Line Plots and Summary Statistics | | |

Bonus

| ST Math Objective | Is a prerequisite for | Prerequisite(s) |
|-----------------------|-----------------------|-----------------|
| Challenge 8 | | |
| Cognitive Training | | |
| Summer Bridge Grade 8 | | |