



## 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 3

### Journey

| ST Math Objective                                | Is a prerequisite for | Prerequisite(s)                                  |
|--|-----------------------|--|
| Intro to ST Math                                 |                       |  |
| Multiplication Concepts                          | 3 Objectives          |  |
| Division Concepts                                | 1 Objective           |  |
| Multiplication and Division Relationships        | 5 Objectives          | Multiplication Concepts<br>Division Concepts     |
| Rounding Three-Digit Numbers                     |                       |  |
| Addition and Subtraction within 1,000 Strategies | 2 Objectives          |  |
| Addition and Subtraction with Regrouping         |                       | Addition and Subtraction within 1,000 Strategies |
| Multiplication and Area                          |                       | Multiplication Concepts                          |
| Properties of Multiplication                     |                       | Multiplication and Division Relationships        |
| Multiplication Facts and Strategies              |                       | Multiplication and Division Relationships        |
| Division Facts and Strategies                    |                       | Multiplication and Division Relationships        |
| Fraction Concepts                                | 2 Objectives          |  |
| Fractions on the Number Line                     |                       | Fraction Concepts                                |
| Fraction Equivalence and Ordering                |                       | Fraction Concepts                                |
| Number Patterns                                  | 1 Objective           | Multiplication and Division Relationships        |
| Mass and Volume                                  | 1 Objective           |  |
| Solve Two-Step Problems                          |                       | Multiplication and Division Relationships        |
| Area and Perimeter                               | 1 Objective           |  |
| Time to the Minute                               | 1 Objective           |  |
| Intervals of Time                                |                       | Time to the Minute                               |
| Scale and Measurement in Graphing                |                       | Multiplication Concepts                          |
| Line Plots                                       |                       | Area and Perimeter                               |
| Shape Attributes                                 |                       |  |

### Bonus

| ST Math Objective                            | Is a prerequisite for | Prerequisite(s)     |
|--|-----------------------|---------------------|
| Math Challenge 3                             |                       |                     |
| Challenge 3                                  |                       |                     |
| Cognitive Training                           |                       |                     |
| Patterns and Functions                       |                       | Number Patterns     |
| Temperature and Capacity                     |                       | Mass and Volume     |
| Place Value Bundles - Ten, Hundred, Thousand |                       | Place Value Bundles |