



## Purpose of Document

This document describes the prerequisites for each ST Math Objective in the 2022-2023 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 Division Concepts
Rounding Three-Digit Numbers		
Place Value Bundles	2 Objectives	
Addition and Subtraction with Regrouping		Place Value Bundles
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