



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 5

Journey

ST Math Objective	Is a prerequisite for	Prerequisite(s)
Decimal Place Value	6 Objectives	
Comparing with Decimals		Decimal Place Value
Rounding Decimals		Decimal Place Value
Interpret Expressions		
Patterns and Relationships		
Multiplication Algorithm	1 Objective	
Division Algorithm Strategies	1 Objective	
Addition and Subtraction with Decimals		Decimal Place Value
Multiplying Decimals		Decimal Place Value Multiplication Algorithm
Dividing Decimals		Decimal Place Value Division Algorithm Strategies
Common Denominators and Equivalent Fractions	2 Objectives	
Adding and Subtracting Fractions with Unlike Denominators		Common Denominators and Equivalent Fractions
Multiplying Fractions	1 Objective	Common Denominators and Equivalent Fractions
Dividing Fractions		Multiplying Fractions
Volume		
Converting Measurements		
The Coordinate Plane		
Line Plots Decimals and Mode		Decimal Place Value
Shapes and Properties		

Bonus

ST Math Objective	Is a prerequisite for	Prerequisite(s)
Math Challenge 5		
Challenge 5		
Cognitive Training		