



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.

Journey

ST Math Objective	Is a prerequisite for	Prerequisite(s)
Intro to ST Math		
Numbers and Objects to 5	3 Objectives	
Subitizing		Numbers and Objects to 5
Numbers and Objects to 10	2 Objectives	Numbers and Objects to 5
Exploring Shapes	3 Objectives	
Greater Than, Less Than, Equal To	1 Objective	Numbers and Objects to 10
Understanding Addition and Subtraction within 5	2 Objectives	Numbers and Objects to 5
Composing Shapes		Exploring Shapes
Understanding Addition and Subtraction within 10	1 Objective	Understanding Addition and Subtraction within 5
Making 10 and Number Pairs		Understanding Addition and Subtraction within 10
Numbers and Objects to 20	2 Objectives	Numbers and Objects to 10
Comparing Numbers		Greater Than, Less Than, Equal To
Counting to 100		Numbers and Objects to 20
Foundations of Place Value		Numbers and Objects to 20
Measurable Attributes		
Addition and Subtraction Facts within 5		Understanding Addition and Subtraction within 5
Sorting and Classifying		
Analyzing Shapes		Exploring Shapes
Position	1 Objective	Exploring Shapes

Bonus

ST Math Objective	Is a prerequisite for	Prerequisite(s)
Math Challenge K		
Challenge K		
Exploring Patterns	1 Objective	
Advanced Patterns		Exploring Patterns
Position Symbolic		Position