



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 1

Journey

| ST Math Objective | Is a prerequisite for | Prerequisite(s) |
|--|-----------------------|--|
| Intro to ST Math | | |
| Addition and Subtraction Within 10 | 5 Objectives | |
| Measurement Concepts | | |
| Number Pairs and Making 10 | | Addition and Subtraction Within 10 |
| Tens as a Unit | 1 Objective | Addition and Subtraction Within 10 Counting to 120 |
| Addition and Subtraction Within 20 | | Addition and Subtraction Within 10 |
| Addition and Subtraction with Unknowns | 1 Objective | Addition and Subtraction Within 10 |
| Addition, Subtraction and Equations | | Addition and Subtraction with Unknowns |
| Composite Shapes | | |
| Place Value Concepts | 3 Objective | |
| Bundles to 100 | 1 Objectives | Tens as a Unit |
| Counting to 120 | 1 Objective | |
| Comparing Two-Digit Numbers | | Place Value Concepts |
| Adding and Subtracting by Tens | 1 Objective | Addition and Subtraction Within 10 Place Value Concepts |
| Equal Shares and Partitioning | 1 Objective | |
| Shape Differences | | |
| Organizing Data | | |
| Telling Time | | |

Bonus

| ST Math Objective | Is a prerequisite for | Prerequisite(s) |
|--|-----------------------|-------------------------------|
| Math Challenge 1 | | |
| Challenge 1 | | |
| Equal Shares and Partitioning Symbolic | | Equal Shares and Partitioning |
| Two-Digit Number Words | | Place Value Concepts |