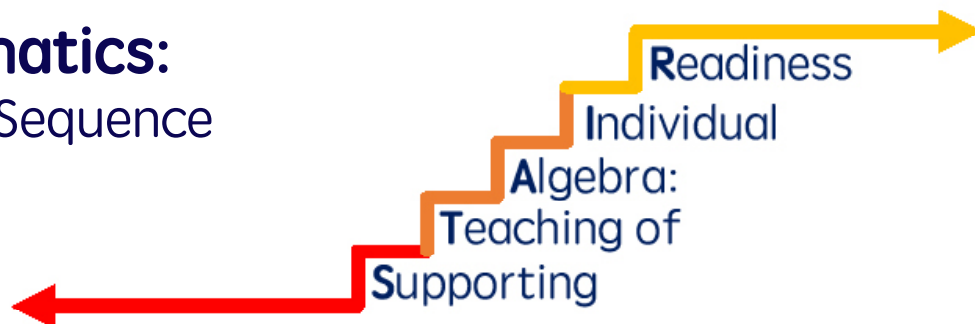


# Ideas in Mathematics:

## Adjusting Scope & Sequence



### Key Concepts

- Some students may require individualized adjustments to master critical content. Teachers, working with interventionists or researchers, can identify which skills the student has mastered, where the student needs to be by the end of the term or year, and determining essential supports for the student to master those end-of-year goals.
- Modifying a curriculum requires in depth understanding of math standards, common math progressions, and the individual student's IEP goals. Therefore, we recommend teachers only alter the scope of sequence as a last resort and always with the knowledge and support of administration and interventionists.
- If students continue to struggle after intensive interventions have been put in place and intensified, it may be time to examine the students' IEP goals and determine if they are appropriate.

### How to adjust a scope and sequence:

**Step 1:** Identify grade-level expectations and standards for one math topic (e.g., algebraic understanding).

**Step 2:** Establish a goal of where students need to be by the end of the school year.

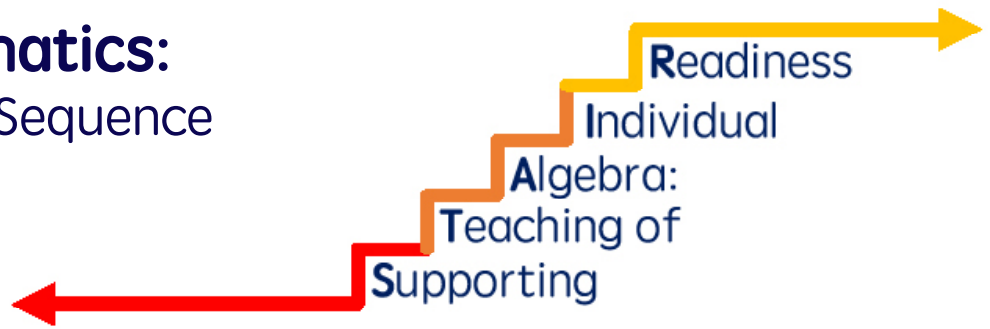
**Step 3:** Identify the foundational standards that students must master before being able to access the goal standards.

**Step 4:** Identify the standards the student has mastered. These standards may be one or more grades below the student's current grade level.

**Step 5:** Once the student's current math understandings are established, and the goal has been set, identify the most important standards the student will need to master to reach the goal standards.

**Repeat these steps with additional math topics, focusing first on standards and align with IEP goals.**

# Ideas in Mathematics: Adjusting Scope & Sequence



## Example:

Here's an example from 7th grade. In 7th grade, some of the primary standards include the blue standards. The goal for the 7th grader is to solve real-life and mathematical problems using numerical and algebraic expressions and equations by the end of the year.

The student, however, is still working on mastering understanding ratio concepts and using ratio reasoning to solve problems, which is a 6th grade standard.

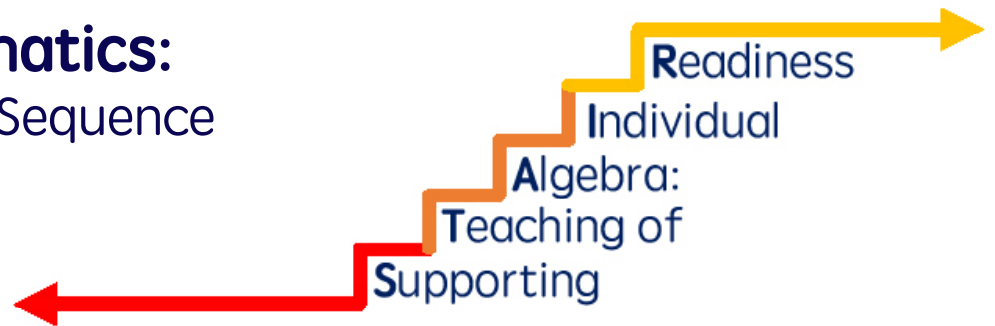
The student's math understanding is below some of these 7th grade standards. It is important to think about integrating earlier grades math content to reinforce current math instruction.

To catch this student up, it will be important to reteach or review the 6th grade standards in yellow before moving to the 7th grade standards in blue.



# Ideas in Mathematics:

## Adjusting Scope & Sequence



### Resources

- [Achieve the Core](#)
  - o This website provides alignment guides for math topics by grade as well as topic.
- Common Core Math Standards
  - o This document includes the Common Core State Standards for mathematics.
- NCTM Curriculum Focal Points
  - o This document provides a curriculum alignment for math topics in grades K–8.