

CURRICULUM SEQUENCE

Calculus

PreCalculus

with Trigonometry

Algebra 2

Geometry

Algebra 1

Pre-Algebra

Zeta

Decimals and Percents

Epsilon

Fractions

Delta

Division

Gamma

Multiplication

Beta

Multiple-Digit Addition and Subtraction

Alpha

Single-Digit Addition and Subtraction

Primer

Introducing Math

Math-U-See is a complete, comprehensive K-12 math curriculum that uses manipulatives to illustrate and teach math concepts. We strive toward "Building Understanding" by using a multi-sensory, mastery-based approach suitable for all levels and learning styles. While each book concentrates on a specific theme, other math topics are introduced where appropriate. Subsequent books continuously review and integrate topics and concepts presented in previous levels.

Where to Start

Because Math-U-See is mastery-based, students may start at any level. We use the Greek alphabet to show the sequence of concepts taught rather than the grade level.

Each level builds on previously learned skills to prepare a solid foundation so the student is then ready to apply these concepts to Algebra and other upper level courses.

Major concepts and skills:

- Expanding understanding of place value from positive powers of ten to include decimals
- Fluently adding, subtracting, multiplying, and dividing multiple digit decimals using place-value strategies
- Solving real-world problems with decimals and percents

Additional concepts and skills:

- Understanding and simplifying exponents
- Understanding negative numbers and representing them on the coordinate plane
- Using properties of operations to simplify and evaluate algebraic expressions
- Interpreting and graphing relationships between dependent and independent variables
- Understanding of plane geometry & geometric symbols
- Using ratio reasoning to solve problems
- Measuring statistical variability and distributions