

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:

- Using strategies based on place value and properties of operations to divide
- Understanding division as solving for an unknown factor
- Fluently dividing any combination of whole numbers
- Solving abstract and real-world problems involving all four operations
- Interpreting remainders in short and long division
- Understanding fraction notation in light of division

Additional concepts and skills:

- Reading and writing Roman numerals
- Dividing, multiplying, adding, and subtracting U.S. currency and standard units of measure
- Understanding angle measure and geometric shapes including points, segments, rays, and lines
- Classifying shapes based on defining attributes
- Understanding and computing area and volume