

USA – Common Core State Standards (Grade 6)

Math Curriculum

Section 1: Number System

- Dividing multi-digit numbers
- Fluency with decimals (add, subtract, multiply, divide)
- Dividing fractions by fractions
- Integers & rational numbers
- Plotting numbers on number lines
- Absolute value

Section 2: Ratios & Proportional Relationships

- Understanding ratios & rates
- Using tables, tape diagrams
- Solving percent problems
- Graphing ratio relationships

Section 3: Expressions & Equations

- Writing & evaluating expressions
- Properties of operations (distributive, associative, commutative)
- Solving one-step equations & inequalities
- Dependent & independent variables

Section 4: Geometry

- Area of polygons
- Surface area of prisms & pyramids (using nets)
- Volume of right rectangular prisms
- Coordinates & polygons in coordinate plane

Section 5: Statistics & Probability

- Statistical questions
- Measures of center: mean, median, mode
- Measures of variation: range, mean absolute deviation
- Displaying data: dot plots, histograms, box plots
- Interpreting shapes of distributions

Looking for an online math tutor? Contact TuitionEd

Link: <https://tuition-ed.com/online-math-tutor/>