

Grades 6–8 and Algebra 1 scope and sequence*



Unit	Grade 6	Grade 7	Grade 8	Algebra 1
1	Area and Surface Area	Scale Drawings	Rigid Transformations and Congruence	Linear Equations, Inequalities, and Systems
2	Introducing Ratios	Introducing Proportional Relationships	Dilations and Similarity	Data Analysis and Statistics
3	Rates and Percentages	Measuring Circles	Linear Relationships	Functions
4	Dividing Fractions	Proportional Relationships and Percentages	Linear Equations and Linear Systems	Introducing Exponential Functions
5	Arithmetic in Base Ten	Rational Number Arithmetic	Functions and Volume	Introducing Quadratic Functions
6	Expressions and Equations	Expressions, Equations, and Inequalities	Exponents and Scientific Notation	Quadratic Equations
7	Rational Numbers	Angles, Triangles, and Prisms	The Pythagorean Theorem and Irrational Numbers	—
8	Data Sets and Distributions	Probability and Sampling	Associations in Data	—

*In-development unit names may change