

Grades 6-8 Mathematics Year at a Glance

Grade 6

Unit 1:	Ratios (12 days)
Unit 2:	Rates, including percent (14 days)
Unit 3:	Multi-digit computation and finding common factors and multiples (11 days)
Unit 4:	Dividing fractions (11 days)
Unit 5:	Representing relationships (15 days)
Unit 6:	Extending the number system (13 days)
Unit 7:	Relationships in the coordinate plane (12 days)
Unit 8:	Algebraic expressions (12 days)
Unit 9:	Understanding, writing, and solving equations and inequalities (16 days)
Unit 10:	Problem solving with area in 2-D shapes (11 days)
Unit 11:	Problem solving with volume and surface area (11 days)
Unit 12:	Understanding data distributions (9 days)
Unit 13:	Analyzing data (13 days)

Grade 7

Unit 1:	Proportional reasoning (11 days)
Unit 2:	Proportional relationships (12 days)
Unit 3:	Proportional reasoning with percents (10 days)
Unit 4:	Rational number operations—additional and subtraction (12 days)
Unit 5:	Rational number operations—multiplication and division (9 days)
Unit 6:	Solving equations (13 days)
Unit 7:	Solving equations and inequalities (11 days)
Unit 8:	Probability of simple events (12 days)
Unit 9:	Probability of compound events (11 days)
Unit 10:	Sampling, inferences, and comparing populations (12 days)
Unit 11:	2-D figures (12 days)
Unit 12:	3-D figures (12 days)
Unit 13:	Scale drawings (12 days)
Unit 14:	Geometric constructions (11 days)

Grade 8

Unit 1:	Introducing transformations (10 days)
Unit 2:	Understanding congruence through transformations (11 days)
Unit 3:	Understanding similarity (13 days)
Unit 4:	Rational and irrational numbers (7 days)
Unit 5:	Pythagorean theorem (13 days)
Unit 6:	Functions (8 days)
Unit 7:	Introduction to linearity (11 days)
Unit 8:	Patterns of association in bivariate data (15 days)
Unit 9:	Nonlinear functions (10 days)
Unit 10:	Solving linear equations (11 days)
Unit 11:	Systems of linear equations (17 days)
Unit 12:	Exponents and scientific notation (11 days)
Unit 13:	Geometric relationships (11 days)
Unit 14:	Volume of cones, spheres, and cylinders (12 days)