

Scope and Sequence/Pacing for 8th Grade Mathematics



STRAND	TITLE	MONTHS TAUGHT
Strand 1	The Number System Rational Numbers Irrational Numbers	August
Strand 2	Expressions and Equations Radicals and Integers Exponents Proportions Linear Equations Systems of Linear Equations and Inequalities (one variable/ number line)	September October November
Strand 3	Functions Functions Compare Functions Linear vs Non-Linear Function Function Relationships	December January
Strand 5	Geometry Congruence/similarity Transformations Exterior/Interior angles Triangles Pythagorean Theorem Volume of cones, cylinders, spheres	February March
Strand 4	Statistics and Probability Patterns with bivariate data Scatter plots Rate of change Frequency tables	April May

- Day-to-day pacing is left to the discretion of the individual collaborative teams. Follow the district monthly pacing to help guide the daily lesson plans. (For example, complete teaching Strand 1 “The Number System” concepts by the end of August).
- Teachers are expected to use formative assessments regularly to guide instruction, intervention, remediation, and enrichment.