

**REDBANK VALLEY SCHOOL DISTRICT
MATHEMATICS CURRICULUM MAP**

MATH 08 COURSE 3

CHAPTER	1 & 2	2 & 3	4	5	5 & 6	6 & 7	7 & 8	8 & 9	9 & 10
TOPICS	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Numbers, Number Systems & Number Relationships	Writing Expressions and equations; Integers; Absolute Value; Comparing and ordering integers	Ratio's and rates; Percents; Fractions, decimals, and percents			Divisibility patterns; Prime factorization	Rational numbers; Scientific notations	Properties of rational numbers; Large and small percents	Square roots; Real number system	
Computation & Estimation	Evaluating exponents; Adding, subtracting, multiplying, and dividing integers	Solving proportions; Estimating percents; Finding sales tax and tips			Greatest common factor	Least common multiple; Adding, subtracting, multiplying, and dividing fractions	Percent proportions and equations	Percent of change; Simple interest; Estimating square roots	
Measurement & Estimation									
Mathematical Reasoning & Connections			Choosing an appropriate display				Finding patterns		
Mathematical Problem Solving & Communication	Explore, plan, and solve						Using proportions		

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Statistics & Data Analysis	Matrix operations		Bar graphs and histograms; Circle graphs; Line plots; Mean, median, and mode measures of variation; Scatter plots; Misleading graphs and statistics						
Probability & Predictions						Simple probability			
Algebra & Functions	Classifying expressions and equations; Solving equations; Solving inequalities	Solving equations; Coordinate system					Solving equations; Solving inequalities		Graphing functions; Graphing systems of equations
Geometry	Perimeter and area		Using protractors	Parallel lines; Classifying triangles and quadrilaterals; Symmetry	Congruent triangles; Similar triangles; Transformations		Areas of triangles and trapezoids; Circles and circumference	Similar polygons; Indirect measurement; Scale drawings and models	Distance on coordinate plane
Trigonometry									Pythagorean Theorem; Special triangles
Concepts of Calculus							Sequences		