

**REDBANK VALLEY SCHOOL DISTRICT
MATHEMATICS CURRICULUM MAP**

MATH 07 COURSE 2

CHAPTER	1 & 3	3	4	5	6	7	8	9	10
TOPICS	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Numbers, Number Systems & Number Relationships	Comparing & Ordering Decimals; Rounding & Estimating with Decimals; Adding, Subtracting, Multiplying and Dividing Decimals; Decimals & Fractions		Divisibility Patterns; Prime Factorization; Greatest Common Factor; Simplifying Fractions and Ratios; Fractions, Decimals, & Percents; Least Common Multiple; Compare & Order Fractions	Integers; Comparing & Ordering Integers; Adding, Subtracting, Multiplying & Dividing Integers		Adding, Subtracting, Multiplying & Dividing Fractions and Mixed Numbers; Properties of Numbers	Ratios & Rates; Percents & Fractions; Percents & Decimals; Percents & Proportions		
Computation & Estimation	Order of Operations; Evaluating Exponents; Powers of Ten; Scientific Notation		Changing Ratios into Percents			Estimating with Fractions	Finding Percents; Squares & Square Roots; Estimating Square Roots	Scientific Notation	
Measurement & Estimation	Using the Metric System					Changing Customary Units			
Mathematical Reasoning & Connections		Identifying Misleading Graphs & Statistics							
Mathematical Problem Solving & Communication	A Problem Solving Plan (Explore, Plan, Solve & Examine)					Solving and Using Proportions	Draw a Diagram		

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Statistics & Data Analysis		Frequency Tables; Line Plots; Line Graphs; Bar Graphs; Stem-and-Leaf; Box and Whiskers; Mean, Median & Mode							
Probability & Predictions		Making Predictions from Graphs	Simple Probability		Compound Independent Events				
Algebra & Functions	Evaluating Variable Expressions; Solving Equations Using Mental Math; Patterns		Patterns	The Coordinate System	Solving Equations; Writing Expressions & Equations; Inequalities; Functions & Graphs; Functions & Equations				
Geometry	Area of Squares, Rectangles, and Parallelograms			Graphing Transformations		Perimeter; Circles & Circumference	Scale Drawings; Measuring & Classifying Angles; Perpendicular & Parallel Lines; Polygons /Angles; Similar Polygons, Triangles & Quadrilaterals; Area of Irregular Figures		
Trigonometry				Calculators for Integers			Right Triangles; Tessellations; Translations; Reflections		The Pythagorean Theorem
Concepts of Calculus			Sequences						