

**REDBANK VALLEY SCHOOL DISTRICT  
MATHEMATICS CURRICULUM MAP**

**ALGEBRA I A**

CHAPTER 1	CHAPTER 2	CHAPTER 3	CHAPTER 3	CHAPTER 4	CHAPTER 4 & 5	CHAPTER 5 & 6	CHAPTER 6	CHAPTER 6
SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Order of Operations (+, -, x, ÷); Integers, Real Numbers, Rational Numbers; Graphs; Mean, Median, and Mode; Basic Operations with Matrices; Experimental Probability; Modeling Relations with Variables	Analyze Data Using Scatter Plots; Relating Graphs to Events; Linking Graphs to Tables; Determining Functions; Theoretical Probability; Writing Functions; 3 Views of Functions; Graph Functions on Calculators	Modeling and Solving Equations; Combining Like Terms; Distributive Property	Percent Equations; Percent of Change Formula; Probability of Independent and Dependent Events	Solving Equations with Variables on Both Sides; Solving Absolute Value Equations; Properties for Similar Figures; Transforming Formulas; Solving Inequalities; Compound Inequalities; Interpreting Solutions	Slope & Rates of Change; Direct Variation; Slope-Intercept Form; Writing an Equation of a Line; Scatter Plots & Equations of Lines	Ax + By = C Form; Parallel & Perpendicular Lines; Using the x-Intercept to Determine Solutions; Solving Systems by Graphing	Solving Systems by Substitution and Elimination; Writing Systems; Linear Inequalities	Ax+By = C form; Parallel & Perpendicular Lines; Using the X-Intercept to Determine Solutions