**Curriculum Map**

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**1-1 The Real Number System**

**1-2 Operations on Integers**

**1-3 Simplifying Numerical Expressions (Order of Operations)**

**1-4 Rational Numbers**

**1-5 Approximating Square Roots**

**1-6 Constants, Variables and Expressions**

**1-7 Evaluating Algebraic Expressions**

**1-8 The Distributive Property**

**1-9 The Cummulative and Associative Properties**

**1-10 Operations on Polynomials (Addition and Subtraction)**

**1-11 Operation on Polynomials (Multiplication and Division)**

**Unit 2 – Special Products and Factoring**

**2-1 Multiplying Binomials**

**2-2 Solving Two-Step Equations**

**2-3 Solving Multi-Step Equations**

**2-4 Solving Equations with Variables on Both Sides**

**2-5 Literal Equations and Formulas**

**2-6 Ratios, Rates, and Conversions**

**2-7 Solving Proportions**

**2-8 Proportions and Similar Figures**

**2-9 Percentages**

**2-10 Change Expressed as a Percent**

**Unit 3 – Solving Equations and Inequalities**

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**3-2 Solving Inequalities Using Addition and Subtraction**

**3-3 Solving Inequalities Using Multiplication or Division**

**3-4 Solving Multi-Step Inequalities**

**3-5 Working with Sets**

**3-6 Compound Inequalities**

**3-7 Absolute Value Equations and Inequalities**

**3-8 Union and Intersection of Sets**

**Unit 4 – An Introduction to Functions**

**4-1 Using Graphs to Relate Two Quantities**

**4-2 Patterns and Linear Functions**

**4-3 Patterns and Nonlinear Functions**

**4-4 Graphing a Function Rule**

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**8-1 Adding and Subtracting Polynomials**

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**8-6 Factoring ax squared plus bx plus c**

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**9-5 Completing the Square**

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