

# Pre-Algebra Syllabus

## Fall Semester

### I. Fraction Review

- Simplifying Fractions
- Comparing and Ordering Fractions
- Fractions and Decimals
- Adding and Subtracting Fractions
- Multiplying and Dividing Fractions

### II. Algebraic Expressions

- Variables and Expressions
- The Order of Operations
- Evaluation Expressions
- Integers and Absolute Value
- Adding Integers
- Subtracting Integers
- Multiplying and Dividing Integers
- The Coordinate Plane



### III. Solving One-Step Equations

- The Properties of Numbers
- The Distributive Property
- Simplifying Variable Expressions
- Variables and Equations
- Solving Equations by Adding or Subtracting

### IV. Solving Complex Equations

- Solving Two-Step Equations
- Solving Multi-Step Equations
- Multi-Step Equations With Fractions and Decimals
- Solving Equations With Variables on Both Sides

### V. Inequalities

- Solving One-Step Inequalities by Adding or Subtracting
- Solving One-Step Inequalities by Multiplying or Dividing
- Solving Two-Step Inequalities