

<u>MATH II</u>

Fractions and Proportions Unit

- I Can:
 - o Add, Subtract, Multiply and Divide Fractions
 - o Solve Word and Numeric Proportion Problems

Functions and Absolute Values Unit

- I Can:
 - o Identify the Components of a Function
 - o Solve and Graph Functions
 - o Solve and Graph Absolute Values

Quadratic Equations Unit

- I Can:
 - o Identify the Vertex, Axis of Symmetry and Vertical Shift of a Quadratic
 - o Identify the Standard, Vertex and Intercept Form of a Quadratic
 - o Solve and Graph Quadratic Equations

Geometry Unit

- I Can:
 - o Identify Angle Measurements and Angle Relationships
 - o Calculate the Area of Geometrical Shapes
 - Use the Pythagorean Theorem and Special Right Triangle Theorems to Solve Triangle Problems
 - o Identify Trig Ratios and Use Sine, Cosine and Tangent to Find Angles and Sides of Triangles
 - o Calculate the Area, Circumference, Sector Area and Arc Length of a Circle

Exponents Unit

- I Can:
 - Solve Exponent Problems using the Powers Rule, Quotient Rule, Power to a Power Rule and Radicals Rule

Inequalities Unit

- I Can:
 - o Solve and Graph Inequalities

Probabilities and Statistics Unit

- I Can:
 - o Calculate Probabilities and Statistics