## MATH II

## 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
o 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:
o 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

