**ALGEBRA II OBJECTIVES**

**QUADRATIC FUNCTIONS**

For this unit, you are expected to know the following:

* Solve quadratic equations using all four methods (extracting roots, factoring, Quadratic Formula, completing the square)
* Solve quadratic inequalities
* Find domain, range, points on a graph, zeroes, roots, x-intercept(s), y-intercept, vertex, and axis of symmetry for quadratic functions in all forms
* Graph quadratic functions and inequalities
* Convert between forms of quadratic equations
* Solve applications of quadratics
* Find equations and inequalities of quadratics given a graph
* Interpret the graph of a quadratic function (e.g., if “a” is positive or negative, etc.)

**ALGEBRA II OBJECTIVES**

**QUADRATIC FUNCTIONS**

For this unit, you are expected to know the following:

* Solve quadratic equations using all four methods (extracting roots, factoring, Quadratic Formula, completing the square)
* Solve quadratic inequalities
* Find domain, range, points on a graph, zeroes, roots, x-intercept(s), y-intercept, vertex, and axis of symmetry for quadratic functions in all forms
* Graph quadratic functions and inequalities
* Convert between forms of quadratic equations
* Solve applications of quadratics
* Find equations and inequalities of quadratics given a graph
* Interpret the graph of a quadratic function (e.g., if “a” is positive or negative, etc.)

**ALGEBRA II OBJECTIVES**

**QUADRATIC FUNCTIONS**

For this unit, you are expected to know the following:

* Solve quadratic equations using all four methods (extracting roots, factoring, Quadratic Formula, completing the square)
* Solve quadratic inequalities
* Find domain, range, points on a graph, zeroes, roots, x-intercept(s), y-intercept, vertex, and axis of symmetry for quadratic functions in all forms
* Graph quadratic functions and inequalities
* Convert between forms of quadratic equations
* Solve applications of quadratics
* Find equations and inequalities of quadratics given a graph
* Interpret the graph of a quadratic function (e.g., if “a” is positive or negative, etc.)