

## Algebra 2 Essential Standards

### **A-REI 4**

Solve quadratic equations in one variable

### **S-IC 3-6**

Make inferences and justify conclusions from sample surveys, experiments, and observational studies.

### **F-IF 4 & 6**

Identify key features of graphs and tables. Calculate and interpret the average rate of change on a function (including piecewise, polynomial, logarithmic, and trigonometric functions) over a specified interval.

### **A-REI 11**

Represent and solve equations and inequalities graphically. Equations and inequalities include linear, polynomial, rational, exponential, and logarithmic .

### **A-APR 3**

Identify zeros of polynomials and use them to construct a rough graph of the function defined by the polynomial.

### **A-SSE 3-C**

Use properties of exponents to transform expressions for exponential functions.