Algebra II ConceptsTopics
Mrs. Welsh

Foundations for Functions

Sets of numbers
 Properties of real numbers
Square roots
Simplifying Algebraic Expressions
Relations and functions
Transformations
Parent functions

Linear Functions

Solving linear equations and
inequalities
Proportions
Graphing lines
Writing linear functions
Linear inequalities
Transforming linear functions
Absolute value equations and
inequalities

Linear Systems

Solving systems of linear functions
Solving systems of linear inequalities

Quadratic Functions

Graphing quadratic functions
Factoring quadratic expressions
Solving quadratic equations
Quadratic formula

Polynomial functions

Operations with polynomials
Factoring polynomials

Rational and Radical functions

 Variation functions
Mult and div rational expressions
Add and sub rational expressions
Radical expressions
Rational exponents
Radical functions