

ALGEBRA 1-B CURRICULUM SUMMARY

The purpose of the curriculum summary is to present an overview of the curriculum. Parents, community, and teachers of other disciplines are the intended audience of the curriculum summary.

Unit 1: Review of Equation Solving	Unit 5: Data Analysis & Probability
<ul style="list-style-type: none"> • Order of Operations • Inverse Operations • Combining Like Terms • Distributive Property • Solving One-Variable Equations • Absolute Value Equations 	<ul style="list-style-type: none"> • Measures of Central Tendency • Measures of Dispersion • Data displays • Probability
Unit 2: Functions & Linear Equations	Unit 6: Exponents and Radicals
<ul style="list-style-type: none"> • Slope • Graphing Linear Equations • Write Linear Equations • Functions • Domain & Range • Function Notation 	<ul style="list-style-type: none"> • Exponent properties • Simplify radical expressions • Rationalizing a denominator
Unit 3: Systems of Linear Equations	Unit 7: Polynomials & Factoring
<ul style="list-style-type: none"> • Solving a System by Graphing • Solving a System by Substitution • Solving a System by Elimination • Using Systems to Solve Word Problems 	<ul style="list-style-type: none"> • Adding & Subtracting Polynomials • Multiplying Polynomials • Factoring with the GCF • Factoring quadratic trinomials

Unit 4: Inequalities	Unit 8: Rational Expressions & Additional Topics
<ul style="list-style-type: none">• Solving one-variable inequalities• Solving compound inequalities• Solving absolute value inequalities• Graphing two-variable linear inequalities• Graphing systems of linear inequalities	<ul style="list-style-type: none">• Reduce algebraic fractions to lowest terms• Divide Polynomials• Solving quadratic equations given factored form• Solving quadratic equations by factoring• Factoring quadratic polynomials with leading coefficient $\neq 1$,• Add, Subtract, Multiply, and Divide Rational Expressions