

## High School Mathematics Algebra 2

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Unit	<b>First Degree Equations and Inequalities</b>	<b>Systems of Linear Equations and Inequalities</b>	<b>Quadratic Functions</b>	<b>Polynomial Functions</b>
Strands	D. Algebra: Functions and Relations: 12.b and c Equations and Inequalities 13. d	A. Number Real Numbers: 1a ,b, and c D. Algebra: Symbols and Expressions: 11. a, b, and c Functions and Relations: 12.b Equations and Inequalities 13. a, e, and f	D. Algebra: Functions and Relations: 12.b Equations and Inequalities 13.b	A. Number: Real Numbers: 1.d  D. Algebra Functions and Relations: 12. a and b
Activities	Use Glencoe <i>Mathematics Algebra 2</i> , 2005 Text Resources			
Assessments	Book Tests Chapters 1 and 2	Book Tests Chapters 3 and 5	Book Test Chapter 6	Book Test Chapter 7
Vocabulary	Compound Inequality Empty set Intersection Interval notation Set-builder notation Solution Reflexive, Symmetric, and Transitive Properties Union Variable Intercept	Polynomial Synthetic division Nth root Rationalize denom. Conjugate Imaginary Complex	Quadratic Parabola Roots Zeros Complete the square Quadratic formula Discriminant	Degree Leading coefficient Polynomial End behavior Relative minimum Relative maximum Inverse function
Resources	Chapters 1 and 2	Chapters 3 and 5	Chapter 6	Chapter 7