

## High School Mathematics Advanced Algebra

	<b>Quarter 1</b>	<b>Quarter 2</b>	<b>Quarter 3</b>	<b>Quarter 4</b>
<b>Unit (order will vary)</b>	<b>-Factoring</b> <b>-Rational Expressions</b>	<b>-Rational Expressions</b> <b>-Matrices</b>	<b>-Polynomial Functions</b> <b>-Conic Sections</b>	<b>-Exponential</b> <b>Logarithmic Relations</b> <b>-Trigonometric Functions</b>
<b>Strands</b>	A. Number: 1 D. Algebra: 11,12, 13	D. Algebra: 11,12	A. Number: 1 D. Algebra:12	C. Geometry: 8,9 D. Algebra:12
<b>Activities</b>	Glencoe Math <i>Algebra 1</i> , 2005  Glencoe Math <i>Algebra 2</i> , 2005  Teacher Resource Materials	Glencoe Math <i>Algebra 1</i> , 2005  Glencoe Math <i>Algebra 2</i> , 2005  Teacher Resource Materials	Glencoe Math <i>Algebra 2</i> , 2005  Teacher Resource Materials	Glencoe Math <i>Algebra 2</i> , 2005  Teacher Resource Materials
<b>Assessments</b>	Book Tests: Chapters 9 and 12	Book Tests: Chapters 12, 9, and 4	Book Tests: Chapters 7 and 8	Book Tests: Chapters 10 and 13
<b>Vocabulary</b>	Complex fraction Asymptote	Matrix Scalar Multiple Determinant Cramer's Rule	Degree Leading Coefficient Quadratic Roots Zeros Focus Directrix Parabola Ellipse Hyperbola	Logarithm Sine Cosine Tangent Cosecant Secant Cotangent Radian Unit circle
<b>Resources</b>	Text: <i>Algebra 1</i> Chapters 9 and 12  Text: <i>Algebra 2</i> Chapter 9	Text: <i>Algebra 1</i> Chapter 12  Text: <i>Algebra 2</i> Chapters 9 and 4	Text: <i>Algebra 2</i> Chapters 7 and 8	Text: <i>Algebra 2</i> Chapters 10 and 13