

## High School Mathematics Pre Calculus

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
<b>Unit (order will vary)</b>	-Fundamental Concepts -Equations and Inequalities -Functions/ Graphs	-Polynomial and Rational Functions -Exponential Functions -Logarithms	Trigonometry	-Analytic Geometry -Introduction of Calculus
<b>Strands</b>	A .Number: 1 D. Algebra: 11b D. Algebra: 12 a, b	D. Algebra: 11a D. Algebra: 12 a, b D. Algebra: 13	B. Data: 2b C. Geometry: 8	
<b>Activities</b>	Use <i>Pre Calculus with Limits: Aufmann, Barker and Nation, 2000</i> Text Resources			
<b>Assessments</b>	Book Tests Chapters 1, 2, and 3	Book Tests Chapters 4 and 5	Book Tests Chapters 6, 7, and 8	Book Tests Chapters 9 and 14
<b>Vocabulary</b>	Infinity Critical value	Multiplicity Asymptote Logarithm	Standard position Reference angle Radian Trigonometric ratios Amplitude Period Phase shift Unit circle	Parabola Ellipse Hyperbola Directrix Focus Eccentricity Limit Derivative
<b>Resources</b>	Text Chapters 1,2, and 3	Text Chapters 4 and 5	Text Chapters 6,7, and 8	Text Chapters 9 and 14