

High School Mathematics Algebra IB

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Unit (order will vary)	Review and Test Prep	Linear Equations and Inequalities	Powers, Roots, and Polynomials	Quadratic Functions
Strands	B. Data: Measurement and Approximation: 2	B: Data: Data Analysis: 3 D. Algebra: Functions and Relations 12. D. Algebra: Equations and Inequalities: 13. c. d.	A. Number: Real: 1 a., b., and c D. Algebra: Symbols and Expressions: 11	D. Algebra: Functions and Relations 12. D. Algebra: Equations and Inequalities: 13. b.
Activities	Glencoe <i>Algebra: Concepts and Applications</i> , 2004 Text resources and handouts			
Assessments	Community College Placement tests	Chapter Tests 6, 7, and 12	Chapter Tests 8 and 9	Chapter Tests 10 and 11
Vocabulary		Relation Domain Range Solution Set Linear Function Fractional notation Independent variable Dependent variable Direct variation Slope Point-slope form intercepts	Perfect squares Base Power Exponent Scientific notation Square root Radical Prime Composite Hypotenuse Leg Pythagorean theorem	Factoring Perfect square trinomial Difference of squares Parabola Quadratic function Minimum Maximum Vertex Axis of symmetry Roots zeros
Resources	Supplemental materials →Focus on Fractions, decimals, percent, facts, and integers	Chapters 6, 7, and 12	Chapter 8 and 9	Chapters 10 and 11