

2018-2019 Prep Algebra 1 Syllabus

BOOK: Algebra 1: Expressions, Equations and Applications
By Larson, Bodwell, Kanold, and Stiff (Publisher Holt McDougal)

Chapter		Graduation Standards
Quarter 1		Performance Indicators
1	Expressions	FUNC.a Understand Functions
2	Properties of Real Numbers	ALG.a Evaluate Variable Expressions
2	Properties of Real Numbers	NAQ.a Evaluate Numeric Expressions
3	Solving Linear Equations	ALG.b Solve Linear Equations
3	Solving Proportion Equations	NAQ.b Evaluate Proportions
Quarter 2		Performance Indicators
4	Graphing Linear Equations and Functions	FUNC.b Graph Linear Functions
5	Writing Linear Equations	FUNC.c Write Linear Functions
6	Solving and Graphing Linear Inequalities	ALG.c Solve Linear Inequalities
Mid-Term Exam (Covers Semester 1 - Chapters 1-6)		
Quarter 3		Performance Indicators
7	Graphing Systems - Linear(7.1) & Inequalities (7.6)	FUNC.d Graph Systems
7	Solve Systems Algebraically- (7.2-7.5)	ALG.d Solve Linear Systems Algebraically
8	Exponents (8.1 to 8.3)	NAQ.c Evaluate Exponents
Quarter 4		Performance Indicators
9	Polynomials and Factoring	ALG.e Simplify Polynomials and Factor
10	Graphing Quadratic Functions (10.1 to 10.3)	FUNC.e Graph Quadratic Functions
10	Solving Quadratic Equations (10.4 to 10.8)	ALG.f Solve Quadratic Equations
Final Exam (Covers Semester 2 - Chapters 7-10)		