

2023-2024 Honors Algebra 1 Syllabus

Book: Algebra 1: Expressions, Equations and Applications
 Author: Larson, Bodwell, Kanold, and Stiff
 Publisher: Holt McDougal

Chapter	Topic	Aprox. Test Date	Est. Classes	Standards for Graduation
Quarter 1 (ends OCT31)				
	Summer Assignment DUE (NO EXCEPTIONS)	1st Day of Class		
	Basic Pre-Algebra - Summer Assignment (NO Calculator)	early-SEP	3	NAQ.a
	• Sections 1.1-1.4, 2.1-2.7(Chapter 2), 3.1-3.4			
	Chapters 1-3 Honors Algebra Concepts			
1	CH1 • Expressions, Equations, and Functions 1.5-1.7	mid-SEP	3	FUNC.a
2	CH2 • Properties of Real Numbers and Variable Expressions	late-SEP	2	ALG.a
2	CH2 • Proportions and Ratios	late-SEP	2	NAQ.b
3	CH3 • Solving Linear Equations 3.5-3.8	early-OCT	2	ALG.b
4	Graphing Linear Equations and Functions	late-OCT	6	FUNC.b
TI84	Using Technology to Graph Linear Functions	tbd	tbd	
Quarter 2 (ends JAN19)				
5	Writing Linear Equations	mid-Nov	7	FUNC.c
6	Solving and Graphing Linear Inequalities (6.1-6.6)	early-DEC	7	ALG.c
7	Graphing Systems - Linear(7.1&7.5) & Inequalities (6.7&7.6)	late-DEC	4	FUNC.d
7	Solve Systems Algebraically- (7.2-7.5)	mid-Jan	7	ALG.d
TI84	Using Technology to Graph and Solve Systems	tbd	tbd	
	Mid-Year Review (NO Review, see me for extra help)		0	
	Mid-Term Exam (Covers Chapters 1-7)	Week Jan 16	1	
			44	
Quarter 3 (ends MAR29)				
8	Laws of Exponents (8.1-8.3, graphing functions with technology)	early-FEB	5	NAQ.c
9	Polynomials	early-MAR	5	ALG.e
9	Factoring	late-MAR	8	ALG.e
Quarter 4 (ends mid-June)				
10	Graphing Quadratic Functions (10.1 to 10.3)	early-APR	6	FUNC.e
10	Solving Quadratic Equations (10.4 to 10.7)	early-MAY	8	ALG.f
TI84	Using Technology to Graph and Solve Quadratic Equations	tbd	2	
11	Radicals (11.1 to 11.4)	Late-May	6	
12	(tbd) Rational Equations and Functions (12.3 to 12.5, 12.7)	no test	tbd	
	Final Exam Review(1 class, see me for extra help)		1	
	Final Exam (Covers Chapters 7-11)	Mid-June	1	
			42	