

## 2021-2022 Honors Algebra 1 Syllabus

**Book:** Algebra 1: Expressions, Equations and Applications

**Author:** Larson, Bodwell, Kanold, and Stiff

**Publisher:** Holt McDougal

<u>Chapter</u>	<u>Topic</u>	<u>Aprox. Test Date</u>	<u>Est. Classes</u>	Standards for Graduation
<b>Quarter 1</b>				
	<b>Basic Pre-Algebra - Summer Assignment (NO Calculator)</b>	Week Sep 13	3	NAQ.a
	• Sections 1.1-1.4, 2.1-2.7(Chapter 2), 3.1-3.4			
	<b>Chapters 1-3 Algebra Concepts</b>			
1	CH1 • Expressions, Equations, and Functions 1.5-1.7		3	FUNC.a
2	CH2 • Properties of Real Numbers and Variable Expressions		2	ALG.a
2	CH2 • Proportions and Ratios		2	NAQ.b
3	CH3 • Solving Linear Equations 3.5-3.8		2	ALG.b
	<b>Chapter 1-3 Test</b>	Late-Sep	1	
4	Graphing Linear Equations and Functions	Mid-Oct	6	FUNC.b
5	Writing Linear Equations	Early-Nov	7	FUNC.c
<b>Quarter 2</b>				
6	Solving and Graphing Linear Inequalities (6.1-6.6)	Mid-Dec	7	ALG.c
7	Graphing Systems - Linear(7.1&7.5) & Inequalities (6.7&7.6)	Early-Jan	4	FUNC.d
7	Solve Systems Algebraically- (7.2-7.5)	Mid- Jan	7	ALG.d
	<b>Mid-Year Review (NO Review, see me for extra help)</b>		0	
	<b>Mid-Term Exam (Covers Chapters 1-7)</b>	Week Jan 20	1	
			42	
<b>Quarter 3</b>				
8	Laws of Exponents (8.1-8.3, graphing functions with technology)	Early-Feb	5	NAQ.c
9	Polynomials and Factoring	Mid-March	10	ALG.e
<b>Quarter 4</b>				
10	Graphing Quadratic Functions (10.1 to 10.3)	Early-April	6	FUNC.e
10	Solving Quadratic Equations (10.4 to 10.7)	Early-May	8	ALG.f
10	Using Technology to Graph and Solve Quadratic Equations	Early-May	3	
11	Radicals (11.1 to 11.4)	Late-May	6	
12	Rational Equations and Functions (12.3 to 12.5, 12.7)	Early-June	5	
	<b>Final Exam Review(1 class, see me for extra help)</b>		1	
	<b>Final Exam (Covers Chapters 8-12)</b>	Mid-June	1	
			40	