

Algebra 1 - Overview		
Chapter of Study	Total Days	
Chapter 1 Foundations	5	
Chapter 2 Solving Equations	10	
Chapter 3 Solving Inequalities	10	
Chapter 4 Intro Functions (Linear, Quad, Abs)	25	
Chapter 5 Linear Functions	25	
Chapter 6 Systems of Equations & Inequalities	7	
Total	82	
Algebra 1 Semester 1 - Detailed Pacing		
Semester 1 Content	Days	CCSS Standards
Chapter 2		
1.9 Patterns, Equations, and Graphs		A.CED.2, A.REI.10
2.1 Solving One-Step Equations		A.CED.1, A.REI.3
2.2 Solving Two-Step Equations		A.CED.1, A.REI.1, A.REI.3
2.3 Solving Multi-Step Equations		A.CED.1, A.REI.1, A.REI.3
2.4 Solving Equations with Variables on Both Sides		A.CED.1, A.REI.1, A.REI.3
2.5 Literal Equations and Formulas		N.Q.1, A.CED.1, A.CED.4, A.REI.1, A.REI.3
Chapter 3		
3.1 Inequalities and Their Graphs		Prepares for A.REI.3
3.2 / 3.3 Solving Inequalities		A.CED.1, A.REI.3, N.Q.2
3-4 Solving Multi-Step Inequalities		A.CED.1, A.REI.3
3.7 Absolute Value Equations and Inequalities		A.SSE.1, A.SSE.1.b, A.CED.1
Chapter 4		
4.1 Using Graphs to Relate Two Quantities		Prepares for F.IF.4
4.2 Patterns and Linear Functions		A.REI.10, F.IF.4
4.3 Patterns and Nonlinear Functions		A.REI.10, F.IF.4
4.4 An Introduction to Functions		A.REI.10, F.IF.4
4.5 Writing a Function Rule		N.Q.2, A.SSE.1, A.SSE.1.a, A.CED.2
4.6 Formalizing Relations and Functions		F.IF.1, F.IF.2
4.7 Sequences and Functions (see CC-2)		A.SSE.1, A.SSE.1.a, A.SSE.1.b, F.IF.3, F.BF.1, F.BF.1.a, F.BF.2, F.LE.2
MI-6 Recursively Defined Functions		
Chapter 5		
5.1 Rate of Change and Slope		F.IF.6, F.LE.1.b
5.2 Direct Variation		N.Q.2, A.CED.2
11.6 Inverse Variation		A.CED.2, F.IF.5
5.3 Slope-Intercept Form		A.SSE.1, A.SSE.1.a, A.SSE.2, A.CED.2, F.IF.4, F.IF.7, F.IF.7.a, F.LE.5
5.4 Point-Slope Form		A.SSE.1, A.SSE.1.a, A.SSE.2, A.CED.2, F.IF.4, F.IF.7, F.BF.1.a, F.LE.2, F.LE.5, F.IF.7.a, F.BF.1
5.5 Standard Form		N.Q.2, A.SSE.2, A.CED.2, F.IF.4, F.IF.7, F.IF.7.a, F.BF.1, F.BF.1.a, F.LE.2, F.LE.5
5.6 Parallel and Perpendicular Lines		G.GPE.5
5.7 Scatter Plots and Trend Lines		N.Q.1, F.LE.5, S.ID.6, S.ID.6.a, S.ID.6.c, S.ID.7, S.ID.8, S.ID.9
(5-8) CC-6 Graphing Absolute Value Functions		F.IF.7, F.IF.7.b, F.BF.3
CC-3 Inverse of Linear Functions		F.BF.4, F.BF.4.a
Chapter 6		
6.1 Solving Systems by Graphing		A.REI.6
6.2 Solving Systems Using Substitution		A.REI.6
6.3 Solving Systems Using Elimination		A.REI.5, A.REI.6