

Frenchtown School District

Pacing Guide for

Grade Level:

Math

Algebra 1

<i>Date</i>	<i>Topic</i>		<i>Page</i>	<i>Standard</i>	<i>Resource</i>
Week 1	1.1 Solving Simple Equations 1.2 Solving multi-step Equations		pg. 3-10 pg. 11-18	HSA-CED.A.1 HSA-REI.A.1 HSA-REI.B.3 HSA-Q.A.1	Big Ideas Math
Week 2	1.3 Solving equations with variables on both sides Quiz		pg. 19-24	HSA-CED.A.1 HSA-REI.B.3	
Week 3	1.4 Solving absolute-value equations 1.5 Rewrite equations and formulas		pg. 27-34 pg. 35-37	HSA-CED.A.1 HSA-REI.B.3 HSA-CED.A.4	
Week 4	Quiz Review Chapter 1 Test				
Week 5	2.1 Writing and Graphing Inequalities 2.2 Solving Inequalities with add. and sub.		pg. 53-60 pg. 61-66	HSA-CED.A.1 HSA-REI.B.3	
Week 6	2.3 Solving Inequalities with mult. and div. 2.4 Solving multi-step inequalities Quiz		pg. 67-72 pg. 73-78	HSA-CED.A.1 HSA-REI.B.3	
Week 7	2.5 Solving compound Inequalities 2.6 Solving Absolute Value Inequalities		pg. 81-86 pg. 87-92	HSA-CED.A.1 HSA-REI.B.3	

Week 8	Quiz Chapter 2 Review Chapter 2 Test		pg. 94-96		
Week 9	3.1 Functions 3.2 Linear Functions		pg. 103-110 pg. 111-120	HSF-IF.A.1 HSA-CED.A.2 HSA-REI.D.10 HSF-IF.B.5 HSF-IF.C.7a HSF-LE.A.1b	
	End of Qtr 1				
Week 10	3.3 Function Notation Quiz 3.4 Graphing Linear Equations in Standard Form		pg. 121-126 pg. 129-134	HSA-CED.A.2 HSF-IF.A.1 HSF-IF.A.2 HSF-IF.C.7a HSF-IF.C.9	
Week 11	3.5 Graphing Linear Equations in Slope-Intercept Form Quiz 3.6 Transformation of Graphs of Linear Functions		pg. 135-144 pg. 145-154	HSA-CED.A.2 HSF-IF.B.4 HSF-IF.C.7a HSF-LE.B.5 HSF-BF.B.3	
Week 12	3.7 Graphing Absolute Value Functions Chapter 3 Review		pg. 155-162 pg. 164-168	HSA-CED.A.2 HSA-REI.D.10 HSF-IF.C.7b HSF-BF.B.3	
Week 13	Chapter 3 Test				
Week 14	4.1 Writing Equations in Slope-Intercept Form 4.2 Writing Equations in Point-Slope Form		pg. 175-180 pg. 181-186	HSA-CED.A.2 HSF-BF.A.1a HSF-LE.A.1b HSF-LE.A.2	
Week 15	4.3 Writing Equations of Parallel and Perpendicular Lines 4.4 Scatter Plots and Lines of Fit			HSA-CED.A.2 HSF-LE.A.2 HSF-LE.B.5 HSS-ID.B.6a HSS-ID.B.6c	

				HSS-ID.C.7	
Week 16	4.5 Analyzing Lines of Best Fit Chapter 4 Review so far Chapter 4 Pre-Break Test		pg. 201-208	HSF-LE.B.5 HSS-ID.B.6a HSS-ID.B.6b HSS-ID.B.6c HSS-ID.C.7 HSS-ID.C.8 HSS-ID.C.9	
Week 17-18 Winter Break	Complete Ch. 4 After Break				
Week 19	4.6 Arithmetic Sequence 4.7 Piecewise Function Quiz		pg. 209-206 pg. 217-224	HSF-IF.A.3 HSF-BF.A.1a HSF-BF.A.2 HSF-LE.A.2	
Week 20	Review Chapter 4 Chapter 4 Test Review Sem. 1		pg. 226-228		
Week 21	Continue Review Sem. 1 Semester 1 Final				
	End of Qtr 2/ Semester 1				
Week 22	5.1 Solving Systems of Linear Equations by Graphing Quiz 5.2 Solving Systems of Linear Equations by Substitution Quiz		pg. 235-240 pg. 241-246	HSA-CED.A.3 HSA-REI.C.6	
Week 23	5.3 Solving Systems of Linear Equations by Elimination Quiz 5.4 Solving Special Systems		pg. 247-252 pg. 253-258	HSA-CED.A.3 HSA-REI.C.6 HSA-REI.C.5	
Week 24	5.5 Solving Equations by Graphing 5.6 Graphing Linear Inequalities in Two Variables		pg. 261-266 pg. 267-272	HSA-CED.A.3 HSA-REI.D.11 HSA-REI.D.12	
	5.7 Systems of Linear Inequalities		pg. 273-280	HSA-CED.A.3	

Week 25	Quiz Chapter 5 Review		pg. 282-284	HSA-REI.D.12	
Week 26	Chapter 5 Test				
Week 27	6.1 Properties of Exponents 6.2 Radicals and Rational Exponents Quiz		pg. 291-299 pg. 299-304	HSN-RN.A.1 HSN-RN.A.2	
Week 28	6.3 Exponential Functions 6.4 Exponential Growth and Decay Quiz		pg. 305-312 pg. 313-322	HSA-CED.A.2 HSF-IF.B.4 HSF-IF.B.7E HSF-IF.C.7e HSF-IF.C.8b HSF-IF.C.9 HSF-BF.A.1a HSF-BF.B.3 HSF-LE.A.1a HSF-LE.A.1c HSF-LE.A.2 HSA-SSE.B.3c	
Week 29	6.5 Solving Exponential Equations Quiz 6.6 Geometric Sequences		pg. 325-330 pg. 331-338	HSA-CED.A.1 HSA-REI.A.1 HSA-REI.D.11 HSF-IF.A.3 HSF-BF.A.2 HSF-LE.A.2	
Week 30	6.7 Recursively Defined Sequences Chapter 6 Review Chapter 6 Test End of Qtr 3		pg. 339-346 pg. 348-350	HSF-IF.A.3 HSF-BF.A.1a HSF-BF.A.2 HSF-LE.A.2	
Week 31	7.1 Adding and Subtracting Polynomials 7.2 Multiplying Polynomials		pg. 357-364 pg. 365-370	HSF-APR.A.1	
Week 32	7.3 Special Products of Polynomials Quiz		pg. 371-377	HSF-APR.A.1	

Week 33	7.4 Solving Polynomials Equations in Factored Form 7.5 Factoring x^2+bx+c Quiz		pg. 377-382 pg. 385-390	HSF-APR.B.3 HSF-REI.B.4b HSA-SSE.A.2 HSA-SSE.B.3a	
Week 34	7.6 Factoring x^2+bx+c 7.7 Factoring Special Products Quiz		pg. 391-396 pg. 397-402	HSA-SSE.A.2 HSA-SSE.B.3a	
Week 35	7.8 Factoring Polynomials Completely Review Chapter 7		pg. 403-408 pg. 403-408	HSA-SSE.A.2 HSA-SSE.B.3a	
Week 36	Chapter 7 Test 8.1 Graphing $f(x)=ax^2$		pg. 419-424	HSA-CED.A.2 HSF-IF.C.7a HSF-BF.B.3	
Week 37	8.2 Graphing $f(x)=ax^2+c$ 8.3 Graphing $f(x)=ax^2+bx+c$ 8.5 Using Intercept Form		pg. 425-430 pg. 431-438 pg. 449-458	HSA-CED.A.2 HSF-IF.C.7a HSF-IF.C.8a HSF-IF.C.9 HSF-IF.B.4 HSF-BF.B.3 HSF-BF.A.1a HSA-SSE.B.3a HSA-APR.B.3	
Week 38	9.1 Properties of Radicals 10.3 Solving Radical Equations		pg. 479-488 pg. 559-566	HSF-IF.B.6 HSF-BF.A.1a HSF-LE.A.3 HAS-CED.A.1	
Week 39	Review				
Week 40	Final Exam				
	End of Qtr 4/Semester 2				