

Please Note:

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Publisher Resource:

[Pearson](#) (select your grade and course level and use your active directory)

Other Course Supplemental Resources:

[Khan Academy](#) (Algebra 1; program does not support Internet Explorer)

[Math Nation](#) (Clever – use your active directory; does not support Internet Explorer)

[FSA Portal](#)

[Algebra 1 EOC Test Item Specifications](#)

[Algebra 1 FSA Computer-Based Practice Test Answer Key](#)

[PARCC \(Partnership for Assessment of Readiness for College and Careers\) - Mathematics Practice Tests with Answer Keys](#)

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	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 9	1 8/10 – 8/14	<ul style="list-style-type: none"> STEM project 1.1 Operations on real numbers 1.2 Solving linear equations 	Operations on Numbers – Khan Academy Solving Equations – Khan Academy
	2 8/17 – 8/21	<ul style="list-style-type: none"> 1.3 Solving equations with variables on both sides 1.4 Literal equations and formulas 	Solving Linear Equations With Variables on Both Sides – Khan Academy
	3 8/24 – 8/28	<ul style="list-style-type: none"> 1.5 Solving inequalities in one variable 1.6 Compound inequalities 1.7 Absolute value equations and inequalities 	Solving Inequalities – Khan Academy Compound Inequalities – Khan Academy Absolute Value Function – Khan Academy
	4 8/31 – 9/4	<ul style="list-style-type: none"> Remediation Review Assessment 2.1 Slope intercept form 	Slope Intercept Form – Khan Academy
	5 9/7 – 9/11	<ul style="list-style-type: none"> Labor Day Holiday – 9/7 2.2 Point slope form 2.3 Standard form 	Point Slope Form – Khan Academy Standard Form – Khan Academy
	6 9/14 – 9/18	<ul style="list-style-type: none"> 2.3 Standard form Remediation Review 	Standard Form – Khan Academy
	7 9/21 – 9/25	<ul style="list-style-type: none"> Assessment 3.1 Relations and Functions 3.2 Linear Functions 	Functions – Khan Academy Linear Functions – Khan Academy
	8 9/28 – 10/2	<ul style="list-style-type: none"> 3.3 Transforming linear functions 3.4 Arithmetic sequences 3.5 Scatter plots and lines of best fit 	Arithmetic Sequences – Khan Academy
	9 10/5 – 10/9	<ul style="list-style-type: none"> 3.6 Analyzing lines of fit Remediation Review Assessment 	

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Quarter 2 Oct 12 – Dec 18	1 10/12 – 10/16	<ul style="list-style-type: none"> Teacher Planning Day 10/12 PSAT 10/14 4.1 Solving systems by graphing 	
	2 10/19 – 10/23	<ul style="list-style-type: none"> 4.2 Solving systems by substitution 4.3 Solving systems by elimination 4.4 Linear inequalities 	Solving Systems by Substitution – Khan Academy Solving Systems by Elimination – Khan Academy Linear Inequalities – Khan Academy
	3 10/26 – 10/30	<ul style="list-style-type: none"> 4.4 Linear inequalities 4.5 Systems of linear inequalities Remediation 	Linear Inequalities – Khan Academy
	4 11/2 – 11/6	<ul style="list-style-type: none"> Review Assessment 6.1 Rational exponents and properties of exponents 6.2 Exponential functions 	Exponents – Khan Academy Exponential Functions – Khan Academy
	5 11/9 – 11/13	<ul style="list-style-type: none"> Veterans Day 11/11 6.3 Exponential growth and decay Remediation 	Exponential Growth and Decay – Khan Academy
	6 11/16 – 11/20	<ul style="list-style-type: none"> Review Assessment 6.4 Geometric sequences 	Geometric Sequences – Khan Academy
	7 11/23 – 11/24	<ul style="list-style-type: none"> 6.5 transformations of exponential functions Thanksgiving Holiday 11/25 – 11/27 	
	8 11/30 – 12/4	<ul style="list-style-type: none"> Remediation Review Assessment 	
	9 12/7 – 12/11	<ul style="list-style-type: none"> 7.1 Adding and subtracting polynomials 7.2 Multiplying polynomials 	Adding and Subtracting Polynomials – Khan Academy Multiplying Polynomials – Khan Academy
	10 12/14 – 12/18	<ul style="list-style-type: none"> Midterm Exams 	

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Quarter 3 Jan 5 – Mar 11	1 1/5– 1/8	<ul style="list-style-type: none"> 7.3 Multiplying special cases 7.4 Factoring polynomials 	Multiplying Special Cases – Khan Academy Factorization – Khan Academy Factoring Polynomials – Khan Academy
	2 1/11 – 1/15	<ul style="list-style-type: none"> 7.5 Factoring 7.6 Factoring 7.7 Factoring special cases 	Factorization – Khan Academy Factoring Special Cases – Khan Academy
	3 1/18 – 1/22	<ul style="list-style-type: none"> Martin Luther King Jr. Holiday 1/18 Remediation Review 	
	4 1/25 – 1/29	<ul style="list-style-type: none"> Review Assessment 8.1 Key features of quadratic functions Teacher Inservice 1/29 	Quadratics – Khan Academy Features and Forms of Quadratics – Khan Academy
	5 2/1 – 2/5	<ul style="list-style-type: none"> 8.2 Quadratic functions in vertex form 8.3 Quadratic functions in standard form 	Quadratic Functions in Vertex Form – Khan Academy Quadratic Functions in Standard Form – Khan Academy
	6 2/8 – 2/12	<ul style="list-style-type: none"> 8.4 Modeling with quadratic functions 8.5 Linear exponential and quadratic models Remediation 	Graphing Quadratics – Khan Academy
	7 2/15 – 2/19	<ul style="list-style-type: none"> Presidents Day Holiday 2/15 Review Assessment 9.1 Solving quadratic equations 	
	8 2/22 – 2/26	<ul style="list-style-type: none"> 9.2 Solving quadratic equations by factoring 9.3 Rewriting radical expressions 	Solving Quadratic Equations by Factoring – Khan Academy Rewriting Radical Expressions – Khan Academy
	9 3/1 – 3/5	<ul style="list-style-type: none"> 9.4 Solving quadratic equations using square roots 9.5 Completing the square 9.6 The quadratic formula and the discriminant 	Solving Quadratics by Taking Square Roots – Khan Academy Completing the Square – Khan Academy
	10 3/8 – 3/11	<ul style="list-style-type: none"> Remediation Review Assessment 	

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Quarter 4 Mar 15 – May 25	1 3/15 – 3/19	<ul style="list-style-type: none"> • SPRING BREAK – NO SCHOOL 	
	2 3/22 – 3/26	<ul style="list-style-type: none"> • 5.1 Absolute value function • 5.2 Piece-wise functions • 5.3 Step functions • 5.4 Transformations of piece-wise functions 	Absolute Value and Piece-wise Functions – Khan Academy Piece-wise Functions – Khan Academy
	3 3/29 – 4/2	<ul style="list-style-type: none"> • Review • Assessment • 10.1 Square root function • 10.2 Cube root function • 10.3 Analyzing functions graphically • Holiday – 4/2 	Radicals – Khan Academy Introduction to Square Roots – Khan Academy Introduction to Cube Roots – Khan Academy
	4 4/5 – 4/9	<ul style="list-style-type: none"> • 10.4 Translations of functions • 10.5 Compressions and stretches of functions • 10.6 Operations of functions • Remediation 	
	5 4/12 – 4/16	<ul style="list-style-type: none"> • Review • Assessment • 11.1 Analyzing data displays 	
	6 4/19 – 4/23	<ul style="list-style-type: none"> • 11.2 Comparing data sets • 11.3 Interpreting the sets of data displays • 11.4 Standard deviation 	
	7 4/26 – 4/30	<ul style="list-style-type: none"> • 11.5 Two-way frequency tables • Remediation • Review • Assessment 	
	8 5/3 – 5/7	<ul style="list-style-type: none"> • Standards review 	
	9 5/10 – 5/14	<ul style="list-style-type: none"> • Standards review 	

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	10 5/17 – 5/21	<ul style="list-style-type: none">Standards review	
	11 5/24 – 5/25	<ul style="list-style-type: none">Standards review	

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