

**Grade 8
Core
Algebra 1**

September 2021

Mon	Tue	Wed	Thu	Fri
<i>Aug 30</i> Transition to School Open House (Teachers)	<i>31</i> Teacher PD Day Transition to School Open House (Teachers)	<i>1</i> Superintendent Conf. Day Transition to School Open House Evening (Teachers)	<i>2</i> A.M.-NFT / P.M.-Faculty Transition to School Open House Evening (Teachers)	<i>3</i> No School
<i>6</i> No School (Labor Day)	<i>7</i> <i>First Day with Kids</i>	<i>8</i> <i>Rituals & Routines</i>	<i>9</i> <i>Flex Day</i>	<i>10</i> <i>Flex Day</i>
<i>13</i> <i>Section 0-2</i> <i>Real Numbers</i>	<i>14</i> <i>Section 0-2 & 7-3</i> <i>Real Numbers & Rational Exponents</i>	<i>15</i> <i>Section 0-4 & 0-5</i> <i>Operations with Rational Numbers</i>	<i>16</i> <i>Section 1-2</i> <i>Order of Operations</i> <i>A.SSE.1b, A.SSE.2</i>	<i>17</i> <i>Section 1-4</i> <i>The Distributive Property</i> <i>A.SSE.1b, A.SSE.2</i>
<i>20</i> <i>Section 1-4</i> <i>The Distributive Property</i> <i>A.SSE.1b, A.SSE.2</i>	<i>21</i> <i>Section 1-7</i> <i>Functions</i> <i>F.IF.1, F.IF.2</i>	<i>22</i> <i>Section 1-7</i> <i>Functions</i> <i>F.IF.1, F.IF.2</i>	<i>23</i> <i>Chapter 0 & Chapter 1</i> <i>Test Review</i>	<i>24</i> <i>Chapter 0 & Chapter 1</i> <i>Test</i>
<i>27</i> <i>Section 2-2 & 2-3</i> <i>Solving One-Step & Multi-Step Equations</i> <i>A.REI.1, A.REI.3</i>	<i>28</i> <i>Section 2-3</i> <i>Solving Multi-Step Equations</i> <i>A.REI.1, A.REI.3</i>	<i>29</i> <i>Section 2-3</i> <i>Solving Multi-Step Equations</i> <i>A.REI.1, A.REI.3</i>	<i>30</i> <i>Section 2-4</i> <i>Solving Equations with Variables on Both Sides</i> <i>A.REI.1, A.REI.3</i>	

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October 2021

Mon	Tue	Wed	Thu	Fri
				1 <i>Section 2-4 Solving Equations with Variables on Both Sides A.REI.1, A.REI.3</i>
4 <i>Section 2-4 Solving Equations with Variables on Both Sides A.REI.1, A.REI.3</i>	5 <i>Section 2-4 Solving Equations with Variables on Both Sides A.REI.1, A.REI.3</i>	6 <i>Section 2-8 Literal Equations A.CED.4, A.REI.3</i>	7 <i>Section 2-8 Literal Equations A.CED.4, A.REI.3</i>	8 <i>Section 2-8 Literal Equations (Include Formulas) A.CED.4, A.REI.3</i>
11 No School (Holiday)	12 <i>Chapter 2 Test Review</i>	13 <i>Chapter 2 Test</i>	14 <i>Flex Day (NWEA)</i>	15 <i>Flex Day</i>
18 <i>Section 3-2 Solving Linear Equations By Graphing (Calculator) A.REI.10, F.IF.7a</i>	19 <i>Section 3-2 Solve Linear Equations By Graphing (Calculator) A.REI.10, F.IF.7a</i>	20 <i>Section 3-3 Rate of Change & Slope (Graphs, Tables, Points) F.IF.6, F.LE.1a</i>	21 <i>Section 3-3 Rate of Change & Slope (Graphs, Tables, Points) F.IF.6, F.LE.1a</i>	22 <i>Section 3-3 Rate of Change & Slope (Graphs, Tables, Points) F.IF.6, F.LE.1a</i>
25 <i>Section 3-5 Arithmetic Sequences F.BF.2, F.LE.2</i>	26 <i>Section 3-5 Arithmetic Sequences F.BF.2, F.LE.2</i>	27 <i>Chapter 3 Test Review</i>	28 <i>Chapter 3 Test</i>	29 <i>Section 4-1 Graphing Equations in Slope-Intercept Form F.IF.7a, S.ID.7</i>

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November 2021

Mon	Tue	Wed	Thu	Fri
1 <i>Section 4-1</i> <i>Graphing Equations in Slope-Intercept Form</i> <i>F.IF.7a, S.ID.7</i>	2 Superintendent Conf. Day	3 <i>Section 4-1</i> <i>Graphing Equations in Slope-Intercept Form</i> <i>F.IF.7a, S.ID.7</i>	4 <i>Section 4-1</i> <i>Graphing Equations in Slope-Intercept Form</i> <i>F.IF.7a, S.ID.7</i>	5 <i>Section 4-5</i> <i>Scatter Plots & Line of Best Fit</i> <i>S.ID.6a, S.ID.6c</i>
8 <i>Section 4-5</i> <i>Scatter Plots & Line of Best Fit</i> <i>S.ID.6a, S.ID.6c</i>	9 <i>Section 4-6</i> <i>Regression & Median-Fit Line</i> <i>S.ID.6, S.ID.8</i>	10 <i>Section 4-6</i> <i>Regression & Median-Fit Line</i> <i>S.ID.6, S.ID.8</i>	11 No School (Veterans Day)	12 <i>Section 4-6</i> <i>Regression & Median-Fit Line</i> <i>S.ID.6, S.ID.8</i>
15 <i>Chapter 4</i> <i>Test Review</i>	16 <i>Chapter 4</i> <i>Test</i>	17 <i>Section 5-1</i> <i>Solving Inequalities by Addition & Subtraction</i> <i>A.CED.1, A.REI.3</i>	18 <i>Section 5-2</i> <i>Solving Inequalities by Multiplication & Division</i> <i>A.CED.1, A.REI.3</i>	19 <i>Section 5-2</i> <i>Solving Inequalities by Multiplication & Division</i> <i>A.CED.1, A.REI.3</i>
22 <i>Section 5-3</i> <i>Solving Multi-Step Inequalities</i> <i>A.CED.3, A.REI.12</i>	23 <i>Section 5-3</i> <i>Solving Multi-Step Inequalities</i> <i>A.CED.3, A.REI.12</i>	24 No School (Thanksgiving)	25 No School (Thanksgiving)	26 No School (Thanksgiving)
29 <i>Section 5-3</i> <i>Solving Multi-Step Inequalities</i> <i>A.CED.3, A.REI.12</i>	30 <i>Section 5-6</i> <i>Graphing Inequalities in Two Variables</i> <i>A.CED.3, A.REI.12</i>			

10 Week Marks
Close

December 2021

Mon	Tue	Wed	Thu	Fri
		1 <i>Section 5-6</i> <i>Graphing Inequalities in Two Variables</i> <i>A.CED.3, A.REI.12</i>	2 <i>Section 5-6</i> <i>Graphing Inequalities in Two Variables</i> <i>A.CED.3, A.REI.12</i>	3 <i>Section 5-6</i> <i>Graphing Inequalities in Two Variables</i> <i>A.CED.3, A.REI.12</i>
6 <i>Chapter 5</i> <i>Test Review</i>	7 <i>Chapter 5</i> <i>Test</i>	8 <i>Chapter 6</i> <i>Section 6-1</i> <i>Graphing Systems of Equations</i> <i>A.CED.3, A.REI.6</i>	9 <i>Chapter 6</i> <i>Section 6-1</i> <i>Graphing Systems of Equations</i> <i>A.CED.3, A.REI.6</i>	10 <i>Chapter 6</i> <i>Section 6-1</i> <i>Graphing Systems of Equations</i> <i>A.CED.3, A.REI.6</i>
13 <i>Section 6-2</i> <i>Substitution</i> <i>A.CED.3, A.REI.6</i>	14 <i>Section 6-2</i> <i>Substitution</i> <i>A.CED.3, A.REI.6</i>	15 <i>Section 6-2</i> <i>Substitution</i> <i>A.CED.3, A.REI.6</i>	16 <i>Section 6-3</i> <i>Elimination Using Addition & Subtraction</i> <i>A.CED.2, A.REI.6</i>	17 <i>Section 6-3</i> <i>Elimination Using Addition & Subtraction</i> <i>A.CED.2, A.REI.6</i>
20 <i>Section 6-4</i> <i>Elimination Using Multiplication</i> <i>A.REI.5, A.REI.6</i>	21 <i>Section 6-4</i> <i>Elimination Using Multiplication</i> <i>A.REI.5, A.REI.6</i>	22 <i>Flex Day</i>	23 No School (Winter Recess)	24 No School (Winter Recess)
27 No School (Winter Recess)	28 No School (Winter Recess)	29 No School (Winter Recess)	30 No School (Winter Recess)	31 No School (Winter Recess)

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January 2022

Mon	Tue	Wed	Thu	Fri
3 <i>Review of Sections 6-1 through 6-4</i> <i>Graphing Systems, Substitution & Elimination</i>	4 <i>Section 6-6</i> <i>Systems of Inequalities</i> <i>A.REI.12</i>	5 <i>Section 6-6</i> <i>Systems of Inequalities</i> <i>A.REI.12</i>	6 <i>Section 6-6</i> <i>Systems of Inequalities</i> <i>A.REI.12</i>	7 <i>Section 6-6</i> <i>Systems of Inequalities</i> <i>A.REI.12</i>
10 <i>Chapter 6</i> <i>Test Review</i>	11 <i>Chapter 6</i> <i>Test</i>	12 <i>Window Starts for Midterm</i> <i>Flex Day</i>	13 <i>Window for Midterm</i> <i>Flex Day</i>	14 <i>Window for Midterm</i> <i>Flex Day</i>
17 No School (MLK Day)	18 <i>Window for Midterm</i> <i>Flex Day</i>	19 <i>Window for Midterm</i> <i>Flex Day</i>	20 <i>Window for Midterm</i> <i>Flex Day</i>	21 <i>Window Ends for Midterm</i> <i>Flex Day</i>
24 <i>Section 7-5</i> <i>Exponential Functions</i> <i>F.IF.7e, F.LE.2</i>	25 <i>Section 7-5</i> <i>Exponential Functions</i> <i>F.IF.7e, F.LE.2</i>	26 <i>Section 7-5</i> <i>Exponential Functions</i> <i>F.IF.7e, F.LE.2</i>	27 <i>Section 7-6</i> <i>Growth & Decay</i> <i>F.IF.8b, F.LE.2</i>	28 <i>Section 7-6</i> <i>Growth & Decay</i> <i>F.IF.8b, F.LE.2</i>
31 <i>Section 7-6</i> <i>Growth & Decay</i> <i>F.IF.8b, F.LE.2</i>				

20 Week Marks
Close

February 2022

Mon	Tue	Wed	Thu	Fri
	1 <i>Section 7-7</i> <i>Geometric Sequences as Exponential Functions</i> <i>F.BF.2, F.LE.1</i>	2 <i>Section 7-7</i> <i>Geometric Sequences as Exponential Functions</i> <i>F.BF.2, F.LE.1</i>	3 <i>Section 7-7</i> <i>Geometric Sequences as Exponential Functions</i> <i>F.BF.2, F.LE.1</i>	4 <i>Section 7-8</i> <i>Recursive Formulas</i> <i>F.IF.3, F.BF.2</i>
7 <i>Section 7-8</i> <i>Recursive Formulas</i> <i>F.IF.3, F.BF.2</i>	8 <i>Section 7-8</i> <i>Recursive Formulas</i> <i>F.IF.3, F.BF.2</i>	9 <i>Flex Day</i>	10 <i>Chapter 7</i> <i>Test Review</i>	11 <i>Chapter 7</i> <i>Test</i>
14 <i>Section 8-1</i> <i>Adding & Subtracting Polynomials</i> <i>A.SSE.1a, A.APR.1</i>	15 <i>Section 8-1</i> <i>Adding & Subtracting Polynomials</i> <i>A.SSE.1a, A.APR.1</i>	16 <i>Section 8-1</i> <i>Adding & Subtracting Polynomials</i> <i>A.SSE.1a, A.APR.1</i>	17 <i>Section 7-1</i> <i>Multiplication Properties of Exponents (Examples 1 & 2)</i> <i>A.SSE.2</i>	18 <i>Section 8-2</i> <i>Multiplying a Polynomial by a Monomial</i> <i>A.APR.1</i>
21 No School (President's Day)	22 <i>Section 8-2</i> <i>Multiplying a Polynomial by a Monomial</i> <i>A.APR.1</i>	23 <i>Section 8-3</i> <i>Multiplying Polynomials</i> <i>A.APR.1</i>	24 <i>Section 8-3</i> <i>Multiplying Polynomials</i> <i>A.APR.1</i>	25 <i>Section 8-3</i> <i>Multiplying Polynomials</i> <i>A.APR.1</i>
28 <i>Section 8-5</i> <i>Using the Distributive Property</i> <i>A.SSE.2</i>				

Mon	Tue	Wed	Thu	Fri
	<i>1</i> Section 8-5 <i>Using the Distributive Property</i> A.SSE.2	<i>2</i> Section 8-5 <i>Using the Distributive Property</i> A.SSE.2	<i>3</i> Section 8-6 <i>Solving $x^2 + bx + c = 0$</i> A.SSE.3a, A.REI.4b	<i>4</i> Section 8-6 <i>Solving $x^2 + bx + c = 0$</i> A.SSE.3a, A.REI.4b
<i>7</i> Section 8-6 <i>Solving $x^2 + bx + c = 0$</i> A.SSE.3a, A.REI.4b	<i>8</i> Section 8-6 <i>Solving $x^2 + bx + c = 0$</i> A.SSE.3a, A.REI.4b	<i>9</i> Section 8-7 <i>Solving $ax^2 + bx + c = 0$</i> A.SSE.3a, A.REI.4b	<i>10</i> Section 8-7 <i>Solving $ax^2 + bx + c = 0$</i> A.SSE.3a, A.REI.4b	<i>11</i> Superintendent Conf. Day (Prep & Elem)
<i>14</i> Section 8-7 <i>Solving $ax^2 + bx + c = 0$</i>	<i>15</i> Section 8-8 <i>Differences of Squares</i> A.SSE.3a, A.REI.4b	<i>16</i> Section 8-8 <i>Differences of Squares</i> A.SSE.3a, A.REI.4b	<i>17</i> Chapter 8 Test Review	<i>18</i> Chapter 8 Test
<i>21</i> Section 9-1 <i>Graphing Quadratic Functions</i> F.IF.4, F.IF.7a	<i>22</i> Section 9-1 <i>Graphing Quadratic Functions</i> F.IF.4, F.IF.7a	<i>23</i> Section 9-1 <i>Graphing Quadratic Functions</i> F.IF.4, F.IF.7a	<i>24</i> Section 9-2 <i>Solving Quadratic Equations by Graphing</i> A.REI.4b, F.IF.7a	<i>25</i> Section 9-2 <i>Solving Quadratic Equations by Graphing</i> A.REI.4b, F.IF.7a
<i>28</i> Section 9-3 <i>Transformations of Quadratic Functions</i> A.SSE.3b, F.IF.7a	<i>29</i> Section 9-3 <i>Transformations of Quadratic Functions</i> A.SSE.3b, F.IF.7a	<i>30</i> Section 9-3 <i>Transformations of Quadratic Functions</i> A.SSE.3b, F.IF.7a	<i>31</i> Section 9-5 <i>Solving Quadratic Equations with the Quadratic Formula</i> A.REI.4	

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April 2022

Mon	Tue	Wed	Thu	Fri
				1 Section 9-5 Solving Quadratic Equations with the Quadratic Formula A.REI.4
4 Section 9-5 Solving Quadratic Equations with the Quadratic Formula A.REI.4	5 Section 9-7 Special Functions (Absolute Value Functions) F.IF.7b	6 Chapter 9 Test Review	7 Chapter 9 Test	8 Section 9-7 Special Functions (Step & Piecewise Functions) F.IF.7b
11 No School (Spring Recess)	12 No School (Spring Recess)	13 No School (Spring Recess)	14 No School (Spring Recess)	15 No School (Spring Recess)
18 No School (Spring Recess)	19 No School (Spring Recess)	20 No School (Spring Recess)	21 No School (Spring Recess)	22 No School (Spring Recess)
25 Section 10-1 Square Root Functions F.IF.4, F.IF.7b	26 Section 10-1 Square Root Functions F.IF.4, F.IF.7b	27 Section 11-2 Rational Functions A.CED.2	28 Section 11-2 Rational Functions A.CED.2	29 Flex Day (10-1 & 11-2 Quiz or Activity)

30 Week Marks
Close

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May 2022

Mon	Tue	Wed	Thu	Fri
2 <i>Chapter 0 Section 0-12</i> <i>Measures of Center, Variation, & Position</i>	3 <i>Section 0-13</i> <i>Representing Data</i>	4 <i>Section 12-3</i> <i>Distributions of Data</i> <i>S.ID.2, S.ID.3</i>	5 <i>Section 12-3</i> <i>Distributions of Data</i> <i>S.ID.2, S.ID.3</i>	6 <i>Section 12-4</i> <i>Comparing Sets of Data</i> <i>S.ID.2, S.ID.3</i>
9 <i>Section 12-4</i> <i>Comparing Sets of Data</i> <i>S.ID.2, S.ID.3</i>	10 <i>Chapter 0 & 12</i> <i>Test Review</i>	11 <i>Chapter 0 & 12</i> <i>Test</i>	12 <i>Begin Algebra 1</i> <i>Regents Review</i>	13 <i>Algebra 1</i> <i>Regents Review</i>
16 <i>Algebra 1</i> <i>Regents Review</i>	17 <i>Algebra 1</i> <i>Regents Review</i>	18 <i>Algebra 1</i> <i>Regents Review</i>	19 <i>Algebra 1</i> <i>Regents Review</i>	20 <i>Algebra 1</i> <i>Regents Review</i>
23 <i>Algebra 1</i> <i>Regents Review</i>	24 <i>Algebra 1</i> <i>Regents Review</i>	25 <i>Algebra 1</i> <i>Regents Review</i>	26 <i>Algebra 1</i> <i>Regents Review</i>	27 <i>Algebra 1</i> <i>Regents Review</i>
30 No School (Memorial Day)	31 <i>Algebra 1</i> <i>Regents Review</i>			

**Grade 8
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June 2022

Mon	Tue	Wed	Thu	Fri
		1 <i>Algebra 1</i> <i>Regents Review</i>	2 <i>Algebra 1</i> <i>Regents Review</i>	3 <i>Algebra 1</i> <i>Regents Review</i>
6 <i>Algebra 1</i> <i>Regents Review</i>	7 <i>Algebra 1</i> <i>Regents Review</i>	8 <i>Algebra 1</i> <i>Regents Review</i>	9 <i>Algebra 1</i> <i>Regents Review</i>	10 <i>Algebra 1</i> <i>Regents Review</i>
13 <i>Algebra 1</i> <i>Regents Review</i>	14 <i>Algebra 1</i> <i>Regents Review</i>	15	16	17 40 Week Marks Close
20 No School (Juneteenth)	21	22	23 Last Day for Students	24 Last Day for Teachers
27	28	29	30	