

8th Grade Math Pacing Guide 2023-2024

***Please be aware that MAP testing and/or IXL testing may

AUGUST 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	Teacher Pre-planning	Teacher Pre-planning	Daily Focus: Rituals and Routines	Daily Focus: Rituals and Routines	Daily Focus: Rituals and Routines	
6	7 Daily Focus: LP: Geology Rocks Solving Linear Equations 8.PAR. 3.1, 3, 4	8 Daily Focus: LP: Geology Rocks Solving Linear Equations 8.PAR. 3.1, 3, 4	9 Daily Focus: LP: Building & Solving Engage; Explore Create and Solve Linear Equ 8. PAR. 3.3, 4	10 Daily Focus: LP: Explore Undoing Equ. with card sort Create and Solve Linear Equ 8. PAR. 3.3, 4	11 Daily Focus: Practice solving equations Create and Solve Linear Equ 8. PAR. 3.1, 3, 4	12
13	14 Daily Focus: LP: Family Game Plan Create and analyze linear eq 8. PAR. 3.1, 3, 4	15 Daily Focus: LP: Family Game Plan Create and analyze linear eq 8. PAR. 3.1, 3, 4	16 Daily Focus: LP: Family Game Plan Create and analyze linear eq 8. PAR. 3.1, 3, 4	17 Daily Focus: Quiz #1 Multi-Step Equ. 8. PAR. 3.1, 3, 4	18 Daily Focus: LP: Classification of Sol. One, None, or Infinite Solut 8. PAR. 3.2, 3	19
20	21 Daily Focus: LP: Classification of Sol. One, None, or Infinite Solut 8. PAR. 3.2, 3	22 Daily Focus: LP: Practice One, None, or Infinite Solut 8. PAR. 3.2, 3	23 Daily Focus: LP: Moving Things Around Manipulate equations in cor 8. PAR. 3.1, 5, 6	24 Daily Focus: LP: Moving things around Practice Literal Equ. 8. PAR. 3.1, 5, 6	25 Daily Focus: Quiz #2 8. PAR. 3.2, 5, 6	26
27	28 Daily Focus: LP: Solutions in one Var. Solutions to Inequalities 8. PAR. 3.3, 4	29 Daily Focus: LP: Solutions in one Var. Solutions to Inequalities 8. PAR. 3.3, 4	30 Daily Focus: LP: Compound Inequ. Writing compound inequalit 8. PAR. 3.1, 4	31 Daily Focus: LP: Compound Inequ. Writing compound inequalit 8. PAR. 3.1, 4		
	Notes:					

(Title of Course) Pacing Guide 2023-2024

SEPTEMBER 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Daily Focus: Compound Ineq. Practice Writing compound inequalities 8. PAR. 3.1.1, 3.1.4	2
3	4 Labor Day Holiday	5 Daily Focus: Review 8. PAR. 3.1.1, 2, 3, 4, 5, 6	6 Daily Focus: Test #1 8. PAR. 3.1.1, 2, 3, 4, 5, 6	7 Daily Focus: Test #1 8. PAR. 3.1.1, 2, 3, 4, 5, 6	8 Daily Focus: Data Day for Test 1 8. PAR. 3.1.1, 2, 3, 4, 5, 6	9
10	11 Daily Focus: Functional Relationships Identify/Represent function 8. FGR. 5.1	12 Daily Focus: Functional Relationships Identify/Represent function 8. FGR. 5.1	13 Daily Focus: Functional Relationships Identify/Represent function 8. FGR. 5.1	14 Daily Focus: Distance and Time Graphs Qualitative functions 8. FGR. 5.1, 2	15 Daily Focus: Distance and Time Graphs Qualitative functions 8. FGR. 5.1, 2	16
17	18 Daily Focus: Linear/Nonlinear 8. FGR. 5.2	19 Daily Focus: Linear/Nonlinear <i>Daily Grade</i> 8. FGR. 5.1, 2	20 Daily Focus: Proportional/Nonproportional $y=mx$ vs $y=mx+b$ 8. PAR. 4.1, 2	21 Daily Focus: Proportional/Nonproportional $y=mx$ vs $y=mx+b$ 8. PAR. 4.1, 2	22 Daily Focus: Test #2 8. FGR. 5.1, 2; PAR. 4.1, 2	23
24	25 Daily Focus: Slopes and Y-Intercepts Explore $y=mx+b$ 8. FGR. 5.7, 8	26 Daily Focus: Slopes and Y-Intercepts Explore $y=mx+b$ 8. FGR. 5.7, 8	27 Daily Focus: Styrofoam Cup Explore $y=mx+b$ 8. FGR. 5.7, 8	28 Daily Focus: Styrofoam Cup Explore $y=mx+b$ 8. FGR. 5.7, 8	29 Daily Focus: Styrofoam Cup? Extra Practice Explore $y=mx+b$ 8. FGR. 5.7, 8	30
		Notes:				

Students must be able to determine function/not a function from graphs, mapping diagram, tables, and ordered pairs - not equations. Save the equations for linear/nonlinear and not equations.

(Title of Course) Pacing Guide 2023-2024

OCTOBER 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Daily Focus: Table for 63 Please Create equations and compare 8. FGR. 5.4, 7	3 Daily Focus: Table for 63 Please Create equations and compare 8. FGR. 5.4, 7	4 Daily Focus: Defining Lines by Points, Calculate slopes and y-inter 8. FGR. 5.7, 9	5 Daily Focus: Defining Lines by Points, Calculate slopes and y-inter 8. FGR. 5.7, 9	6 Daily Focus: Quiz #3 Standard Form Graph lines in standard form 8. FGR. 5.4, 7, 8	7
8	9 Daily Focus: Standard Form Graph lines in standard form 8. FGR. 5.4, 7, 8	10 Daily Focus: Point-Slope Form Graph lines in point-slope 8. FGR. 5.5, 8.FGR.5.6	11 Daily Focus: Point-Slope Form Graph lines in point-slope 8. FGR. 5.5, 8.FGR.5.6	12 Daily Focus: Key Features Intercepts (Both x and y), E 8. FGR. 5.3, 8, 9	13 Daily Focus: Key Features Intercepts (Both x and y), E 8. FGR. 5.3, 8, 9	14
15	16 Daily Focus: Review All 8. FGR. 5.4, 5, 6, 7, 8, 9	17 Daily Focus: Test #3 All 8. FGR. 5.4, 5, 6, 7, 8, 9	18 Daily Focus: Test #3 All 8. FGR. 5.4, 5, 6, 7, 8, 9	19 Fall Break	20 Fall Break	21
22	23 Daily Focus: Data Day/Review Test Diagnostic Assess. Exploring (experiments) 8.FGR.6.1	24 Daily Focus: LP: Exploring Relationships Types of Association 8.FGR.6.1	25 Daily Focus: LP: Exploring Relationships Types of Association 8.FGR.6.1	26 Daily Focus: LP: Making Predictions Omit: Apply Line of Best Fit 8.FGR.6.1, 8.FGR.6.4	27 Daily Focus: LP: Making Predictions Omit: Apply Line of Best Fit Quiz #4 8.FGR.6.1, 8.FGR.6.4	28
29	30 Daily Focus: LP: Slope Fitted Line Scatter Plots and Line of Best 8.FGR.6.1, 2, 3	31 Daily Focus: LP: Slope Fitted Line Scatter Plots and Line of Best 8.FGR.6.1, 2, 3	Notes:			

(Title of Course) Pacing Guide 2023-2024

NOVEMBER 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
			<p>1</p> <p>Daily Focus: LP: Heartbeats Too <i>Writing equations for lines</i></p> <p>8.FGR.5.7, 8, 8.FGR.6.1, 3, 8.FGR.5.7, 8, 8.FGR.6.1, 2,</p>	<p>2</p> <p>Daily Focus: LP: Heartbeats Too <i>Writing equations for lines</i></p> <p>8.FGR.5.7, 8, 8.FGR.6.1, 3, 8.FGR.5.7, 8, 8.FGR.6.1, 2,</p>	<p>3</p> <p>Daily Focus: LP: Walking Race <i>Using slope (average ROC)</i></p> <p>8.FGR.5.7, 8, 8.FGR.6.1, 2,</p>	4	
5	<p>6</p> <p>Daily Focus: LP: Walking Race <i>Using slope (average ROC)</i></p> <p>8.FGR.5.7, 8, 8.FGR.6.1, 2,</p>	<p>7</p> <p>Daily Focus: LP: Mini-Problems <i>Create tables and write equations</i></p> <p>8.FGR.5.7, 8, 8.FGR.6.1, 2,</p>	<p>8</p> <p>Daily Focus: Study Guide Review <i>All</i></p> <p>8.FGR.5.7, 8, 8.FGR.6.1, 2,</p>	<p>9</p> <p>Daily Focus: Test #4</p>	<p>10</p> <p>Daily Focus: Test #4</p>	11	
12	<p>13</p> <p>Daily Focus: Data Day for Test #4</p> <p>8.FGR.5.7, 8, 8.FGR.6.1, 2,</p>	<p>14</p> <p>Daily Focus: LP: Baseball Jerseys <i>Create and Solve Systems of Equations</i></p> <p>8.FGR.7.1, 2, 3</p>	<p>15</p> <p>Daily Focus: LP: Baseball Jerseys <i>Create and Solve Systems of Equations</i></p> <p>8.FGR.7.1, 2, 3</p>	<p>16</p> <p>Daily Focus: LP: Stacking Cups <i>Create and Solve Systems of Equations</i></p> <p>8.FGR.7.1, 2, 3, 4</p>	<p>17</p> <p>Daily Focus: LP: Stacking Cups <i>Create and Solve Systems of Equations</i></p> <p>8.FGR.7.1, 2, 3, 4</p>	18	
19	<p>20</p> <p>Thanksgiving Break</p>	<p>21</p> <p>Thanksgiving Break</p>	<p>22</p> <p>Thanksgiving Break</p>	<p>23</p> <p>Thanksgiving Break</p>	<p>24</p> <p>Thanksgiving Break</p>	25	
26	<p>27</p> <p>Daily Focus: LP: Graphing Solutions <i>Graphing Systems of Equations</i></p> <p>8.FGR. 7.1, 2, 3</p>	<p>28</p> <p>Daily Focus: LP: Graphing Solutions <i>Graphing Systems of Equations</i></p> <p>8.FGR. 7.1, 2, 3</p>	<p>29</p> <p>Daily Focus: LP: Fun with Taping Diagrams <i>Solve systems through diagrams</i></p> <p>8.FGR.7.1, 4</p>	<p>30</p> <p>Daily Focus: LP: Fun with Taping Diagrams <i>Solve systems through diagrams</i></p> <p>8.FGR.7.1, 4</p>			
		Notes:					

(Title of Course) Pacing Guide 2023-2024

DECEMBER 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Daily Focus Quiz # 5 <i>Tape Diagrams with Elimination</i> 8.FGR.7.1, 4	2
3	4 Daily Focus LP: Making Connections <i>Tape Diagrams with Elimination</i> 8.FGR.7.1, 4	5 Daily Focus LP: Making Connections <i>Tape Diagrams with Elimination</i> 8.FGR.7.1, 4	6 Daily Focus LP: Making Conjectures <i>Systems with Substitution</i> 8.FGR.7.4	7 Daily Focus LP: Making Conjectures <i>Systems with Substitution</i> 8.FGR.7.4	8 Daily Focus LP: Equivalent Expressions <i>Creating Equivalent Expressions</i> 8.FGR.7.1, 2, 3	9
10	11 Daily Focus LP: Equivalent Expressions <i>Creating Equivalent Expressions</i> 8.FGR.7.1, 2, 3	12 Daily Focus LP: Classifying Solutions <i>Graphing Systems and Intersecting Lines</i> 8.FGR.7.1, 2, 3, 4	13 Daily Focus LP: Classifying Solutions <i>Graphing Systems and Intersecting Lines</i> 8.FGR.7.1, 2, 3, 4	14 Daily Focus Quiz #6	15 Daily Focus LP: Solving Systems Practice <i>Mixed Practice</i> 8.FGR.7.1, 2, 3, 4	16
17	18 Christmas Break	19 Christmas Break	20 Christmas Break	21 Christmas Break	22 Christmas Break	23
24	25 Christmas Break	26 Christmas Break	27 Christmas Break	28 Christmas Break	29 Christmas Break	30
31	Notes:					

(Title of Course) Pacing Guide 2023-2024

JANUARY 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 Christmas Break	2 Teacher Work Day	3 Daily Focus: Rituals and Routines	4 Daily Focus: LP: Systems of Linear Equations and Inequalities <i>Special Cases</i> 8.FGR.7.1, 3, 5	5 Daily Focus: LP: Systems of Linear Equations and Inequalities <i>Special Cases</i> 8.FGR.7.1, 3, 5	6
7	8 Daily Focus: LP: Parallel and Perpendicular Relationships between Equations 8.FGR.7.3, 5	9 Daily Focus: LP: Parallel and Perpendicular Relationships between Equations 8.FGR.7.3, 5	10 Daily Focus: LP: Parallel and Perpendicular Relationships between Equations 8.FGR.7.1, 3, 5	11 Daily Focus: LP: Playing Catch Up (3 A) <i>Create and solve systems for</i> 8.FGR.7.1, 2, 3, 4	12 Daily Focus: LP: Playing Catch Up (3 A) <i>Create and solve systems for</i> 8.FGR.7.1, 2, 3, 4	13
14	15 Martin Luther King, Jr. Holiday	16 Daily Focus: <i>Study Guide Review</i> 8.FGR.7.1, 2, 3, 4, 5	17 Daily Focus: Test #5	18 Daily Focus: Test #5	19 Daily Focus: Data Day Test #5	20
21	22 Daily Focus: LP: Edges of Squares and Circles <i>Non-perfect Square and Circles</i> 8.NR.1.2, 8.NR.2.2	23 Daily Focus: LP: Edges of Squares and Circles <i>Non-perfect Square and Circles</i> 8.NR.1.2, 8.NR.2.2	24 Daily Focus: LP: Decimal Approximation <i>Estimate decimal approximation</i> 8.NR.1.2, 8.NR.2.2	25 Daily Focus: LP: Decimal Approximation <i>Estimate decimal approximation</i> 8.NR.1.2, 8.NR.2.2	26 Daily Focus: LP: Working with Real Numbers <i>Identify Rational and Irrational</i> 8.NR.1.1, 2, 8.NR.2.2	27
28	29 Daily Focus: LP: Working with Real Numbers <i>Identify Rational and Irrational</i> 8.NR.1.1, 2, 8.NR.2.2	30 Daily Focus: LP: Translating Between Repeating Decimals <i>Converting repeating decimals</i> 8.NR.1.1, 2	31 Daily Focus: LP: Translating Between Repeating Decimals <i>Converting repeating decimals</i> 8.NR.1.1, 2	Notes:		

(Title of Course) Pacing Guide 2023-2024

FEBRUARY 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 Daily Focus: Quiz # 7 8.NR.1.1, 2, 8.NR.2.2	2 Daily Focus: LP: Generalizing <i>Operations with Exponent</i> 8.NR.2.1	3
4	5 Daily Focus: LP: Generalizing <i>Operations with Exponent</i> 8.NR.2.1	6 Daily Focus: LP: Generalizing <i>Operations with Exponent</i> 8.NR.2.1	7 Daily Focus: Practice: Properties of Exponents 8.NR.2.1	8 Daily Focus: LP: The Observable <i>Writing numbers in</i> 8.NR.2.1, 3	9 Daily Focus: LP: The Observable <i>Writing numbers in</i> 8.NR.2.1, 3	10
11	12 Daily Focus: LP: Lasers and <i>Operations with SN</i> 8.NR.2.3, 4	13 Daily Focus: LP: Lasers and <i>Operations with SN</i> 8.NR.2.3, 4	14 Daily Focus: LP: Lasers and <i>Operations with SN</i> 8.NR.2.3, 4	15 Daily Focus: LP: Working Smaller Values <i>SN Real World Situations</i> 8.NR. 2.3, 4	16 Daily Focus: Study Guide Review 8. NR. 1.1,2, 2.1, 2, 3, 4	17
18	19 Presidents' Day Holiday	20 Daily Focus: Test #6 8. NR. 1.1,2, 2.1, 2, 3, 4	21 Daily Focus: Test #6 8. NR. 1.1,2, 2.1, 2, 3, 4	22 Daily Focus: Test #6 Data Day	23 Daily Focus: LP: Discovering Pythagor <i>Conceptual understanding of</i> 8.GSR.8.1, 2	24
25	26 Daily Focus: LP: Discovering Pythagor <i>Conceptual understanding of</i> 8.GSR.8.1, 2	27 Daily Focus: LP: Discovering Pythagor <i>Conceptual understanding of</i> 8.GSR.8.1, 2	28 Daily Focus: LP: Pythagorean FAL <i>Area of Titled Squares</i> 8.GSR.8.1	29 Daily Focus: LP: Using Pythagorean <i>Apply Pythagorean Theorem</i> 8.GSR.8.2		
	Notes:					

8th Grade Math Pacing Guide 2023-2024

MARCH 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Daily Focus: LP: Using Pythagorean Apply Pythagorean Theorem 8.GSR.8.2	2
3	4 Daily Focus: LP: Using Pythagorean Apply Pythagorean Theorem 8.GSR.8.2	5 Daily Focus: LP: Using Pythagorean Apply Pythagorean Theorem 8.GSR.8.2	6 Daily Focus: LP: Acting Out <i>Distance in the Coordinate</i> 8.GSR.8.3	7 Daily Focus: LP: Acting Out <i>Distance in the Coordinate</i> 8.GSR.8.3	8 Daily Focus: Quiz #8 8.GSR.8.1, 2, 3	9
10	11 Daily Focus: LP: Discovering Volume Discover Volume Formulas 8.GSR.8.3, 8.PAR.3.6	12 Daily Focus: LP: Discovering Volume Discover Volume Formulas 8.GSR.8.3, 8.PAR.3.6	13 Daily Focus: LP: Popcorn Picker Changing Radius and Height 8.GSR.8.4	14 Daily Focus: LP: Calculating Volume Volume Real World 8.GSR.8.2, 4	15 Teacher Work Day	16
17	18 Daily Focus: Study Guide Review 8.GSR.8.1, 2, 3, 4	19 Daily Focus: Test #7 8.GSR.8.1, 2, 3, 4	20 Daily Focus: Test #7 8.GSR.8.1, 2, 3, 4	21 Daily Focus: Test #7 Data Day	22 Daily Focus:	23
24	25 Daily Focus:	26 Daily Focus:	27 Daily Focus:	28 Daily Focus:	29 Daily Focus:	30
31	Notes: Notes:					

