

2022-2023

6th Grade Math Pacing Guide

June	
13 - 14	Learning Targets/Pacing Guide
July	
13-14	Curriculum Meeting (EA Barber, H Bagley, S Lampman)
25	Suzy Pepper Rollins/Amy Casper PL Training
27	Pre-planning - Convocation 10:00
28	Pre-planning
29	Pre-planning
August	
1	Pre-planning
2	Pre-planning
3	First Day - Rituals and Routines/Google Classroom
4	Review Add Fractions (Unlike Denominators) (5th Standard 4)
5	Review Add Fractions (Mixed Numbers) (5th Standard 4)
8	Review Subtract Fractions (Unlike Denominators) (5th Standard 4)
9	Review Subtract Fractions (Mixed Numbers) (5th Standard 4)
10	Unit 1 - Number System Fluency Prime Numbers/Composite Numbers/Prime Factorization (Factor Tree, Ladder Method, etc.)
11	Factors/GCF/Important vocabulary
12	Multiples/LCM/Important vocabulary
15	GCF/LCM with Problem Solving 3 Act Task- Geared up (Download the task)
16	GCF/LCM with Problem Solving cont'd. Could use a "would you rather" activity

17	MAP
18	MAP
19	MAP
22	Station Review - Fractions (5th Standard)/Factors/Multiples/GCF/LCM/Preview dividing whole numbers
23	Quiz 1A
24	Divide Whole Numbers with Problem Solving
25	Equivalent fractions/Simplify Mixed and Improper Fractions
26	Divide Whole Numbers by Fractions
29	Divide Fractions
30	Divide Fractions/Mixed Numbers with Real World Application
31	Divide Fractions/Mixed Numbers with Real World Application
September	
1	Station Review - 1A
2	Unit 1A Assessment
5	Labor Day
6	Unit 1A Assessment Analysis
7	Unit 1A Remediation
8	Unit 1A Retake
9	Add and Subtract Decimals
12	Add and Subtract Decimals - Real World Application Stations/Quiz 1B
13	Multiply Decimals
14	Multiply Decimals
15	Divide Decimals by Whole Numbers
16	Divide Decimals
19	Divide Decimals 3 Act Task- Hangin By A Hair (Whole number and decimal operations)

20	Review for Unit 1B Assessment
21	Unit 1B Assessment
22	Unit 1B Assessment Analysis
23	Unit 1B Remediation
26	Unit 1B Retake
27	Unit 6 - Statistics - Statistical Questions vs Non-Statistical
28	Complete Statistical Questions - Begin Median
29	Mode/Range
30	Mean
October	
3	Measures of Center
4	Measures of Center Review Stations/Quiz 6A
5	Line Plots
6	Line Plots MTM Wksts.
7	Histograms - Include Range
10	Histograms MTM Wksts.
11	Line Plots/Frequency Tables/Histograms
12	Data Display Review Stations
13	Quiz 6B - Mid-Unit
14	Measures of Variation
17	Box Plots (5 Number Summary)
18	Box Plots (5 Number Summary)
19	Box Plots (5 Number Summary)
20 - 21	Fall Break
24	Interpreting the Shape of Data Distributions
25	Selecting Measures of Center and Variability based on Data Distribution and

	Context
26	Review for Unit 6 Assessment
27	Unit 6 Assessment
28	Unit 6 Assessment Analysis
31	Unit 6 Remediation
November	
1	Unit 6 Retake
2	Unit 7 - Rational Explorations - Exosphere to Seafloor (Layers of Atmospheres)
3	Complete L of A Activity - Introduce Opposite Numbers (Pos/Neg)
4	Absolute Value MTM Wksts.
7	Compare and Order Integers (To include absolute value of integers)
8	Rational Number Station Review
9	Quiz 7A
10	Coordinate Plane - Review Quadrant 1 - MTM Wkshts.
11	Coordinate Plane - Introduce 4 Quadrants
14	Coordinate Plane - Plotting (Real world applications)
15	Coordinate Plane - Distance between Points (ordered pairs)
16	Coordinate Plane - Distance between Points (ordered pairs)
17	Coordinate Plane - Reflections
18	Coordinate Plane - Thanksgiving Cartesian Activity
21-25	Thanksgiving Break
28	Stations Review Unit 7
29	Review for Unit 7
30	Unit 7 Assessment
December	

1	Unit 7 Assessment Analysis
2	Unit 7 Remediation
5	MAP
6	MAP
7	MAP
8	Unit 7 Retake
9	Unit 2 - Rate, Ratio, Proportional Reasoning - Intro to Ratios - Ratio Lab (M&Ms/Skittles/Fruit Loops) Part to part /Part to whole Comparison
12	Ratio understanding- Part to part/ Part to whole
13	Equivalent Ratios-Scaling Factor
14	Ratio Tables Constructing and Graphing
15	Ratio Tables Constructing and Graphing
16	Christmas Math Task/Activity
19- Jan. 2	Christmas Break
January	
3	Workday
4	Rituals Routines Roboot Mini intro Rates and Unit Rates
5	Review Ratio/Rate/Unit Rate Word Problems
6	Unit 2 Quiz
9	Percent of a Number Notes (Fractions/Decimals/Percents Review)
10	Percent of a Number
11	Word Problems (down payments, discounts, taxes, etc.)
12	Measurements (Customary Conversions/Metric Conversions)
13	Measurements (Time & Temperature)
14	Convert Customary to Metric/Metric to Customary (Proportions) K5 Learning Wksts. MTM Wksts.

16	MLK Day
17	Unit 2 Stations Review
18	Unit 2 Assessment
19	Unit 2 Assessment Analysis
20	Unit 2 Remediation
23	Unit 2 Retake
24	Unit 3 - Expressions - Powers and Exponents
25	Powers and Exponents - MTM Wksts.
26	Numerical Expressions - Order of Operations
27	Order of Operations
30	Order of Operations: MTM Wksts.
31	Variables and Expressions Parts of an Expression- Vocabulary- Understanding that a variable is representing an unknown value
February	
1	Variables and Expressions
2	Writing Expressions - Key Words Chart
3	Writing Expressions
6	Writing Expressions - MTM Wksts. - Real-world Problems
7	Unit 3 Quiz
8	Algebra Properties (Commutative, Associative, Identity)
9	Algebra Properties (Distributive - Applying)
10	Algebra Properties (Distributive - Factoring out)
13	Combining Like Terms MTM Wksts.
14	Combining Like Terms
15	Equivalent Expressions/Simplify Expressions
16	Unit 3 Stations Review

17	Unit 3 Assessment
20	President's Day
21	Unit 3 Assessment Analysis
22	Unit 3 Remediation
23	Unit 3 Retake
24	Unit 4 - Equations - Introduction to Equations Activity
27	Solving and Writing Addition/Subtraction Equations
28	Solving and Writing Addition/Subtraction Equations
March	
1	Stations Review Addition and Subtraction Equations
2	Solving and Writing Multiplication Equations
3	Solving and Writing Multiplication Equations
6	Solving and Writing Division Equations
7	Solving and Writing Division Equations
8	Stations Review Multiplying and Dividing Equations
9	All Equations Review
10	Mid-Unit Quiz
13	Intro to Inequalities Key words and Symbols (Anchor Chart/Foldables)- interpreting statements of inequality about position on a number line
14	Writing and Graphing Inequalities
15	Writing and Graphing Inequalities
16	Solving One-Step Inequalities
17	Functions Tables/Function Rules
20	Graphing Linear Functions and Equations
21	Review Unit 4
22	Unit 4 Assessment
23	Unit 4 Assessment Analysis

24	Unit 4 Remediation
27	Unit 4 Retake
28	Unit 5 - Area and Volume - Area of Rectangle and Triangles
29	Area of Parallelograms
30	Area of Trapezoids (Decompose the figure into rectangles and triangles)
31	Review area of all Quadrilaterals and triangles with Real world examples
April	
3 - 7	Spring Break
10	Area of Composite Figures through composing and decomposing
11	Area of Composite Figures through composing and decomposing using real-world examples
12	Surface Area of 3d Figures with Nets
13	Surface Area of 3d Figures with Nets
14	Surface Area of 3d Figures with Nets
17	Quiz B
18	MAP
19	MAP
20	MAP
21	Volume of Rectangular Prisms
24	Volume of Rectangular Prisms
25	Volume of Rectangular Prisms with fractional edges
26	Unit 5 Test
27	Unit 5 Assessment Analysis
28	Unit 5 Remediation
May	
1	Unit 5 Retake

2	GMAS
3	GMAS
4	GMAS
5	GMAS
8	GMAS
9	GMAS
10	
11	
12	
15	
16	
17	
18	
19	Last Day of School
22 - 24	Workdays