

WEST DEPTFORD SCHOOL DISTRICT

Content Area: Mathematics				
Course Title: 6th Grade Math			Grade Level: 6	
			Weeks Spent	
	Topic 1: Topics 1.1 - 1.7		4 Weeks	
	1.1: Relate Integers and their Opposites 1.2: Understand Rational Numbers 1.3: Add Integers 1.4: Subtract Integers 1.5: Add and Subtract Rational Numbers 1.6: Multiply Integers 1.7: Multiply Rational Numbers 1.8: Divide Integers 1.9: Divide Rational Numbers 1.10: Solve Problems with Rational Numbers			
	Topic 2: 2.1 - 2.6		5 Weeks	
	2.1: Understand Integers 2.2: Represent Rational Numbers on the Number Line 2.3: Absolute Value of Rational Numbers 2.4: Represent Rational Numbers on the Coordinate Plane 2.5: Find Distances on the Coordinate Plane 2.6: Represent Polygons on the Coordinate Plane			
	Topic 3: 3.1 - 3.7		5 Weeks	
	3.1: Understand and Represent Exponents 3.2: Find Greatest Common Factor and Least Common Multiple 3.3: Write and Evaluate Numerical Expressions 3.4: Write Algebraic Expressions			

	3.5: Evaluate Algebraic Expressions			
	3.6: Generate Equivalent Expressions			
	3.7: Simplify Algebraic Expressions			
	Topic 4: 4.1 - 4.10		5 Weeks	
	4.1: Understand Equations and Solutions			
	4.2: Apply Properties of Equality			
	4.3: Write and Solve Addition and Subtraction Equations			
	4.4: Write and Solve Multiplication and Division Equations			
	4.5: Write and Solve Equations with Rational Numbers			
	4.6: Understand and Write Inequalities			
	4.7: Solve Inequalities			
	4.8: Understand Dependent and Independent Variables			
	4.9: Use Patterns to Write and Solve Equations			
	4.10: Relate Tables, Graphs, and Equations			
	Topic 5: 5.1 - 5.10		5 Weeks	
	5.1: Understand Ratios			
	5.2: Generate Equivalent Ratios			
	5.3: Compare Ratios			
	5.4: Represent and Graph Ratios			
	5.5: Understand Rates and Unit Rates			
	5.6: Compare Unit Rates			
	5.7 Solve Unit Rate Problems			

5.8: Ratio Reasoning: Convert Metric Units			
5.9: Ratio Reasoning: Convert Metric Units			
5.10: Relate Customary and Metric Units			
Topic 6: 6.1 - 6.6		3 Weeks	
6.1: Understand Percent			
6.2: Relate Fractions, Decimals, and Percents			
6.3: Represent Percents Greater than 100 or Less Than 1			
6.4: Estimate to Find Percent			
6.5: Find the Percent of a Number			
6.6: Find the Whole Given a Part and the Percent			
Topic 7: 7.1 - 7.8		4 weeks	
7.1: Find Areas of Parallelograms and Rhombuses			
7.2: Solve Triangle Area Problems			
7.3: Find Areas of Trapezoids and Kites			
7.4: Find Areas of Polygons			
7.5: Represent Solid Figures			
7.6: Find Surface Areas of Prisms			
7.7: Find Surface Areas of Pyramids			
7.8: Find Volume with Fractional Edge Lengths			
Topic 8: 8.1 - 8.7		3 weeks	
8.1: Recognize Statistical Questions			
8.2: Summarize Data Using Mean, Median, and Mode			

8.3: Display Data in Box Plots			
8.4: Display Data in Frequency Tables and Histograms			
8.5: Summarize Data Using Measures of Variability			
8.6: Choose Appropriate Statistical Measures			
8.7: Summarize Data Distribution			
<i>Date Created: August 2022</i> <i>Revised: August 2023</i>	<i>Board Approved on: August 2022</i> <i>Revised Board Approved: August 2023</i>		

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6th Grade Mathematics Pacing Guide

Topic Number	Title	Instructional Period	Number of Days
	Readiness Testing (Placement test)		2
1	Use Positive Rations Numbers	9/14 - 10/14	21
	Topic 1 Mid-Chapter Assessment		1
	Benchmark: Topic 1 Assessment		2
2	Integers and Rational Numbers	10/18 - 11/17	20
	Topic 2 Mid-Chapter Assessment		1
	Benchmark: Topic 2 Assessment		2
3	Numeric and Algebraic Expressions	11/21 - 1/10	24
	Topic 3 Mid-Chapter Assessment		1
	Benchmark: Topic 3 Assessment		2

4	Represent and Solve Equations and Inequalities	1/14 - 2/18	24
	Topic 4 Mid-Chapter Assessment		1
	Benchmark: Topic 4 Assessment		2
5	Understand and Use Ratio and Rate	2/22 - 3/28	25
	Topic 5 Mid-Chapter Assessment		1
	Benchmark: Topic 5 Assessment		2
6	Understand and Use Percent	3/29 - 5/6	19
	Topic 6 Mid-Chapter Assessment		1
	Benchmark: Topic 6 Assessment		2
7	Solve Area, Surface Area, and Volume Problems	5/12 - 5/31	18
	Topic 7 Mid-Chapter Assessment		1
	Benchmark: Topic 7 Assessment		2
8	Display, Describe, and Summarize Data	6/6 - 6/15	7
	Topic 8 Mid-Chapter Assessment		1
	Benchmark: Topic 8 Assessment		2