

WEST DEPTFORD SCHOOL DISTRICT

Content Area: Mathematics			
Course Title: 6th Grade Math		Grade Level: 6	
		Weeks Spent	
Topic 1: Topics 1.1 - 1.7		6 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			

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

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		2 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		4 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 2022</i>		<i>Date Created: August 2022</i> <i>Revised: August 2022</i>	

WEST DEPTFORD SCHOOL DISTRICT
6th Grade Mathematics Pacing Guide 2022 – 2023

Topic Number	Title	Instructional Period	Number of Days
	Readiness Testing (Placement test)		2
1	Use Positive Rations Numbers		24
	Topic 1 Mid-Chapter Assessment		1
	Benchmark: Topic 1 Assessment		2
2	Integers and Rational Numbers		16
	Topic 2 Mid-Chapter Assessment		1
	Benchmark: Topic 2 Assessment		2

1 – 2	Benchmark: Topics 1-2 Assessment		3
3	Numeric and Algebraic Expressions		16
	Topic 3 Mid-Chapter Assessment		1
	Benchmark: Topic 3 Assessment		2
4	Represent and Solve Equations and Inequalities		24
	Topic 4 Mid-Chapter Assessment		1
	Benchmark: Topic 4 Assessment		2
1 – 4	Benchmark: Topics 1-4 Assessment		3
5	Understand and Use Ratio and Rate		21
	Topic 5 Mid-Chapter Assessment		1
	Benchmark: Topic 5 Assessment		2
6	Understand and Use Percent		10
	Topic 6 Mid-Chapter Assessment		1
	Benchmark: Topic 6 Assessment		2
1 – 6	Benchmark: Topics 1-6 Assessment		3
7	Solve Area, Surface Area, and Volume Problems		16
	Topic 7 Mid-Chapter Assessment		1
	Benchmark: Topic 7 Assessment		2
8	Display, Describe, and Summarize Data		15
	Topic 8 Mid-Chapter Assessment		1
	Benchmark: Topic 8 Assessment		2
1 – 8	Benchmark: Topics 1-8 Assessment		3