



MIDDLETOWN MATH SCOPE & SEQUENCE

Grade: 6
Quarter: Post-March
Non-Accelerated

Standards

Key Ideas, Major Understandings, Performance Indicators, Competencies

Resources

Pacing Print, Visual, Technology, Manipulatives

Assessment

Evidence & Scoring Guides

Unit 8 – Algebra Part 2			
6A2 Use substitution to evaluate algebraic expressions (may include exponents of 1, 2, and 3).	1		
6A3 Translate two-step verbal sentences into algebraic equations.	2		
6A5 Solve simple proportions within context.	3		
6A4 Solve and explain two-step equations involving whole numbers using inverse operations.	9		
Review and test.	2		
Total Days	17		
Unit 9 – Coordinate Geometry			
6G10 Identify and plot points in all 4 quadrants.	3		
6G11 Calculate the area of basic polygons drawn on a coordinate plane (rectangles, and shapes composed of rectangles, having sides with interior lengths).			
Test	1		
Total Days	7		

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Unit 10 – Statistics			
<p>6S1 Develop the concept of sampling when collecting data from a population and decide the best method to collect data for a particular question.</p> <p>6S2 Record data in a frequency table.</p> <p>6S3 Construct Venn Diagrams to sort data.</p> <p>6S4 Determine and justify the most appropriate graph to display a given set of data (picot, bar, line, histogram, circle).</p>	10		
Total Days	10		
Unit 11 – Probability			
<p>5S5 List the possible outcomes for a single event experiment.</p> <p>5S6 Record experiment results using fractions/ratios.</p> <p>5S7 Create a sample space and determine the probability of a single event a simple experiment (i.e., rolling a die).</p>	2		
<p>6S9 List possible outcomes for compound events.</p> <p>6S11 Determine the number of possible outcomes for a compound event by using the Fundamental Counting Principal, and use this to determine the probability</p>	3		

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of events when the outcomes have equal probability.			
6S10 Determine the probability of dependent events.	4		
Review and test. (Units 10 & 11)	2		
Total Days	11		

***If time permits, review content strands 6A3 and 6A4**