Brunswick County Public Schools
Grade 5 Mathematics Pacing Guide

SOL #	SOL Content	Suggested Time
1st 9 Weeks	**Incorporate problem solving, mathematical communication and reasoning, connections, and representations to**	
5.3	Identify and describe the characteristics of prime and composite numbers Identify and describe the characteristics of even and odd numbers	1 ½ Weeks
5.4	Create and solve single-step and multistep practical problems involving addition, subtraction, multiplication, and division of whole numbers	2 Weeks
5.7	Simplify whole number numerical expressions using the order of operations	1 Week
5.1	Given a decimal through thousandths, round to the nearest whole number, tenth, or hundredths	1 ½ Weeks
5.5	Estimate and determine the product and quotient of two numbers involving decimals Create and solve single-step and multistep practical problems involving addition, subtraction, and multiplication of decimals, and create and solve single-step practical problems involving division of decimals.	3 Weeks

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2nd 9 Weeks	**Incorporate problem solving, mathematical communication and reasoning, connections, and representations to**	
5.2	Represent and identify equivalencies among fractions and decimals, with and without models Compare and order fractions, mixed numbers, and/or decimals, in a given set, from least to greatest and greatest to least	2 Weeks
5.6	Solve single-step and multistep practical problems involving addition and subtraction with fractions and mixed numbers Solve single-step practical problems involving multiplication of a whole number, limited to 12 or less, and a proper fraction, with models	3 Weeks
5.10	Identify and describe the diameter, radius, chord, and circumference of a circle	1 Week
5.17	Describe mean, median, and mode as measures of center; Describe mean as fair share; Describe the range of a set of data as a measure of spread; and Determine the mean, median, mode, and range of a set of data	1 Week
5.16	Represent data in line plots and stem-and-leaf plots Interpret data represented in line plots and stem-and-leaf plots; and Compare data represented in a line plot with the same data represented in a stem-and-leaf plot.	1 Week
5.18	Identify, describe, create, express, and extend number patterns found in objects, pictures, numbers and tables	1 Week

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SOL #	SOL Content	Suggested Time
3rd 9 Weeks	**Incorporate problem solving, mathematical communication and reasoning, connections, and representations to**	
5.12	Classify and measure right, acute, obtuse, and straight angles	1 Week
5.13	Classify triangles as right, acute, or obtuse Classify triangles as equilateral, scalene, or isosceles Investigate the sum of the interior angles in a triangle Determine an unknown angle measure in a triangle	2 Weeks
5.14	Recognize and apply transformation, such as translation, reflection, and rotation Investigate and describe the results of combining and subdividing polygons	2 Weeks
5.8	Solve practical problems that involve perimeter, area, and volume in standard units of measure Differentiate among perimeter, area, and volume Identify whether an application of the concepts of perimeter, area, or volume is appropriate for a given situation	2 Weeks
5.9	Given the equivalent measure of one unit, identify equivalent measurements within the metric system Solve practical problems involving length, mass, and liquid volume using metric units	2 Weeks

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SOL #	SOL Content	Suggested Time
4th 9 Weeks	**Incorporate problem solving, mathematical communication and reasoning, connections, and representations to**	
5.11	Solve practical problems related to elapsed time in hours and minutes within a 24-hour period	1 Week
5.15	Determine the probability of an outcome by constructing a sample space or using the Fundamental (Basic) Counting Principle	2 Weeks
5.19	Investigate and describe the concept of variable Write an equation to represent a given mathematical relationship, using a variable Use an expression with a variable to represent a given verbal expression involving one operation Create a problem situation based on a given equation, using a single variable and one operation	3 Weeks
	SOL Review and Testing	3 Weeks