

First Nine Weeks

Grade: 5

Subject: CIP Math

Year: 2017-2018

	SOL	Student Essential Knowledge and Skills	Resources	Vocabulary	Bloom's
	<p><u>Number and Number Sense</u></p> <ul style="list-style-type: none"> Identify and describe the characteristics of even and odd numbers (5.3b) 2 days 				
	<p><u>Number and Number Sense</u></p> <ul style="list-style-type: none"> Identify and describe the characteristics of prime and composite numbers (5.3a) 3 days <p><u>Number and Number Sense</u></p> <ul style="list-style-type: none"> The student, given a decimal through thousandths, will round to the nearest whole number, tenth, or hundredth. (5.1) 5 days 				
	<p><u>Computation and Estimation</u></p> <p>Find the sum, difference, product, and quotient of two numbers expressed as decimals through thousandths (divisors with only one nonzero digit) (5.5a) 10 days</p> <p>Create and solve single-step and multistep practical problems involving decimals. (5.5b) 7 days</p>				
	<p><u>Computation and Estimation</u></p> <ul style="list-style-type: none"> Create and solve single-step and 				

	<p>multistep practical problems involving addition, subtraction, multiplication, and division with and without remainders of whole numbers. (5.4) 8 days</p> <p><u>Number and Number Sense</u> Recognize and name fractions in their equivalent decimal form and vice versa (5.2a) 2 days</p> <p>Compare and order fractions and decimals in a given set from least to greatest and greatest to least (5.2b) 3 days</p>				
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	SOL	Student Essential Knowledge and Skills	Resources	Vocabulary	Bloom's
	<p><u>Computation and Estimation</u></p> <p>•Solve single-step and multi-step practical problems involving addition and subtraction with fractions and mixed numbers and express answers in simplest form. (5.6) 15 days</p>				
	<p><u>Computation and Estimation</u></p> <p>•Evaluate whole number numerical expressions using the order of operations limited to parentheses, addition, subtraction, multiplication, and division. (5.7) 5 days</p> <p>Patterns, Functions, and Algebra Describe the relationship found in a number pattern and express the relationship. (5.17) 5 days</p> <p>Investigate and describe the concept of a variable. (5.18a) 2 days</p>				

	<p>Write an open sentence to represent a given mathematical relationship, using a variable. (5.18b) 3 days</p> <p>Model one-step linear equations in one variable, using addition and subtraction. (5.18c) 3 days</p> <p>Create a problem situation based on a given open sentence, using a single variable. (5.18d) 2 days</p> <p>Investigate and recognize the distributive property of multiplication over addition. (5.19) 5 days</p>				
Third Nine Weeks					
CIP Math Grade 5					
	<p>Measurement</p> <ul style="list-style-type: none"> Identify and describe the diameter and radius of a chord and the circumference of a circle. (5.9) 3 days Classify angles as right, acute, obtuse, or straight. (5.12a) 2 days Measure right, acute, obtuse, and straight angles. (5.11) 3 days Classify triangles as right, acute, obtuse, equilateral, scalene, or isosceles. (5.12 b) 3 days <p>Geometry</p> <ul style="list-style-type: none"> Develop definitions of plane figures (square, rectangle, triangle, parallelogram, rhombus, and trapezoid). (5.13a) 5 days Investigate and describe the results of combining and subdividing plan figures. (5.13b) 3 days <p>Measurement</p> <ul style="list-style-type: none"> Differentiate among perimeter, area, 				

	<p>and volume and identify whether the application of the concept of perimeter, area, or volume is appropriate for a given situation. (5.8b) 3 days</p> <ul style="list-style-type: none">• Find perimeter, area, in standard units measure. (5.8a) 5 days• Estimate and then measure to solve problems, using U.S. customary and metric units. (5.8d) 5 days• Choose an appropriate unit of measure for a given situation involving measurement using U.S. customary and metric units. (5.8e) 3 days• Identify equivalent measurements within the metric system. (5.8c) 5 days• Determine an amount of elapsed time in hours and minutes within a 24 hour period. (5.10) 5 days				
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