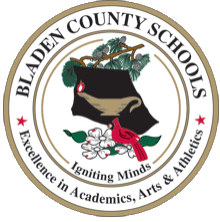


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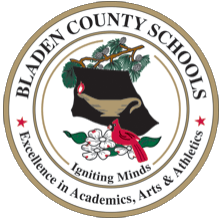
FIRST NINE WEEKS (Wks 1-4)		
Blooms/Activities/Projects	Blooms/Activities/Projects	Recommended Resources
Goal 1. The learner will read, write, model, and compute with non-negative rational numbers.		
1.01 Develop number sense for rational numbers 0.01 through 99,999.		
1.01(a) Connect model, number word, and number using a variety of representations.	TLW use base ten models to show the value of a digit through the ten thousands place. TLW recognize place value words and values through the ten thousands place.	Week by Week Essentials Pg. 85, 97 DPI Indicators/Strategies Pgs. 1-12
1.01 (b) Build understanding of place value (hundredths through ten thousands).	TLW identify the tenths and hundredths place on a place value chart. TLW write rational numbers in decimal form and word form.	Week by Week Essentials Pgs. 19, 31, 101, 108, 133, 138, 139, 167 DPI Indicators/Strategies Pgs. 1-12
1.01 (c) Compare and order rational numbers.	TLW compare numbers using greater than/less than for numbers 0.01 to 99,999. TLW use a number line to order numbers from least to greatest for numbers 0.01 to 99,999. TLW establish a list of numbers from least to greatest or greatest to least.	Week by Week Essentials Pgs. 28, 81, 117, 118, 162 DPI Indicators/Strategies Pgs. 1-12, 19-21
1.01 (d) Make estimates of rational numbers in appropriate situations	TLW explain when it is appropriate to round numbers in real world situations. TLW round numbers to a given place (tens, hundreds, thousands, etc.)	Week by Week Essentials - Pgs. 35 DPI Indicators/Strategies Pgs. 1-12, 22-24



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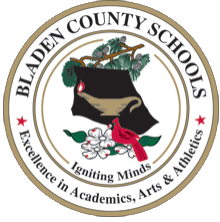
FIRST NINE WEEKS (Wks 5-9)		
Blooms/Activities/Projects	Blooms/Activities/Projects	Recommended Resources
1.04 Develop fluency with addition and subtraction of non-negative rational numbers with like denominators, including decimal fractions through hundredths.		Week by Week Essentials Pgs. 163
1.04(a) Develop and analyze strategies for adding and subtracting numbers.	TLW demonstrate an understanding of borrowing and carrying.	Week by Week Essentials Pgs. 61, 66, 70, 89, 97, 129 DPI Indicators/Strategies - Pgs. 22-24
1.04(b) Estimate sums and differences.	TLW will show how to estimate sums and differences.	DPI Indicators/Strategies Pgs.22-24
1.04(c) Judge the reasonableness of solutions.	TLW round decimals to the nearest whole #'s. TLW round money amounts to the nearest whole dollar. TLW use estimation techniques in determining solutions to problems and discuss alternative methods for solutions.	DPI Indicators/Strategies Pgs. 22-24
1.05 Develop flexibility in solving problems by selecting strategies and using mental computation, estimation, calculators or computers, and paper and pencil	TLW identify information in problems as important, unimportant, missing, or extraneous. TLW list strategies and choose the most appropriate strategy to solve problems. TLW determine when more than one step is needed to solve problem.	Week by Week Essentials Pgs. 1,3,4,10,11,14,16,18,20,22,24,29,33,35,37,39 42,44,46,48,51,53,55,57,61,66,70,72,74,80,84 86,88,91,93,95,97,99,115,127,133,138,156 160,162,166,168 DPI Indicators/Strategies Pgs. 1-18, 22-24, 28-31, 34-35, 38-41, 46-51



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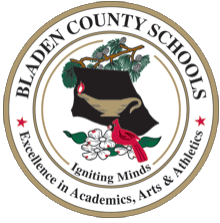
FIRST NINE WEEKS (Wks 5-9)		
SCOS Goals and Objectives	Blooms/Activities/Projects	Recommended Resources
1.02 Develop fluency with multiplication and division.		Week by Week Essentials Pgs. 14,15,71,75,94,98,102,106,107,110,122 126,129,163
1.02(a) Two-digit by two-digit multiplication (larger numbers with calculator).	TLW demonstrate the ability to multiply two digit by two digit.	Week by Week Essentials Pgs. 35 DPI Indicators/Strategies Pgs. 13-18
1.02(b) Up to three-digit by two-digit division (larger numbers with calculator).	TLW show the ability to divide up to three digit by two digit.	Week by Week Essentials Pgs. 101,117,129,135,145,154 DPI Indicators/Strategies Pgs. 13-18
1.02(c) Strategies for multiplying and dividing numbers.	TLW demonstrate the ability to use strategies to multiply and divide.	DPI Indicators/Strategies Pgs. 13-18
1.02(d) Estimation of products and quotients in appropriate situations.	TLW identify time that it is appropriate to use estimation to find products and quotient.	DPI Indicators/Strategies Pgs. 13-18
1.02(e) Relationships between operations.	TLW multiply one to three digit numbers by one digit numbers with and without regrouping. TLW divide with zeros in the quotient. TLW create fact families, using the inverse relationship between multiplication and division.	Week by Week Essentials Pgs. 42,47,62,82,88 DPI Indicators/Strategies Pgs. 13-18



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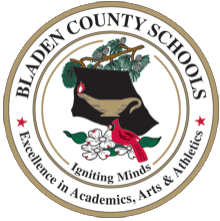
SECOND NINE WEEKS (Wks 1-4)		
SCOS Goals and Objectives	Blooms/Activities/Projects	Recommended Resources
Goal 2. The learner will understand and use perimeter and area.		
1.03 Solve problems using models, diagrams, and reasoning about fractions and relationships among fractions and relationships among fractions involving halves, fourths, eighths, thirds, sixths, twelfths, fifths, tenths, hundredths, and mixed numbers	TLW simplify fractions using models/pictures. TLW reduce fractions to the lowest terms, using division. TLW use pictorial models to show fractional parts of a region or set. TLW recognize equivalent fractions, using models and pictures TLW add and subtract fractions and mixed numbers with like denominators using models and pictures.	Week by Week Essentials Pgs. 1,6,10,14,18,22,26,31,32,35,39,44,48 53,57,71,80,84,85,93,101,103,106,110,113 119,121,125,131,145,154,156,166 DPI Indicators/Strategies Pgs. 19-24
2.01 Develop strategies to determine the area of rectangles and the perimeter of plane figures.	TLW define vocabulary related to geometry with given tasks. TLW identify the number of sides and vertices of a polygon. TLW show that the area of a square or rectangle, when determined by counting squares units is the same as the area when determined by using a formula. TLW utilize customary and standard units of measurement techniques.	Week by Week Essentials Pgs. 44,49,59,61,66,70,78,101,129 DPI Indicators/Strategies Pgs. 28-31
2.02 Solve problems involving perimeter of plane figures and areas of rectangles	TLW justify and explain answers to problems involving perimeter of plane figures and area of rectangles.	Week by Week Essentials Pgs. 39,48,49,59,61,66,70,84,129 DPI Indicators/Strategies Pgs. 28-31



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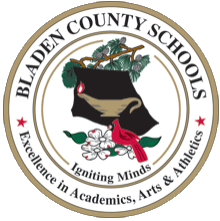
SECOND NINE WEEKS – (Wks 5-9)		
SCOS Goals and Objectives	Blooms/Activities/Projects	Recommended Resources
Goal 5. The learner will demonstrate an understanding of mathematical relationships.		
5.03 Verify mathematical relationships using:		Week by Week Essentials Pgs. 162, 163
5.03 (a) Models, words, and numbers.	TLW recall basic multiplication, division, addition and subtraction facts. TLW apply multiplication, division, addition and subtraction to algebraic expressions. TLW apply the order of operations to an algebraic expression.	Week by Week Essentials Pgs. 133 DPI Indicators/Strategies Pgs. 46-51
5.03(b) Order of operations and the identity, commutative, associative, and distributive properties.	TLW define, identify, and model commutative, associative, and distributive properties. TLW recognize and compute using correct order of operations.	DPI Indicators/Strategies Pgs. 13-18, 46-51



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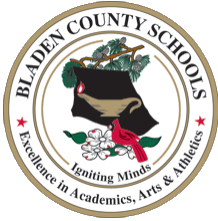
THIRD NINE WEEKS – (Wks 1-4)		
SCOS Goals and Objectives	Blooms/Activities/Projects	Recommended Resources
Goal 4. The learner will understand and use graphs, probability, and data analysis.		
4.01 Collect, organize, analyze, and display data (including line graphs and bar graphs to solve problems..	TLW explain the purpose of charts, tallies, tables, diagrams, and graphs. TLW organize, display, and interpret surveys, research, and classroom experiments by using charts, tables, and graphs.	Week by Week Essentials Pgs. 1,6,7,10,18,22,26,35,39,44,48,53,61,66 70,74,80,84,88,97,101,106,110,117,121 125,145,156,166 DPI Indicators/Strategies Pgs. 38-41
4.02 Describe the distribution of data using median, range and mode.	TLW define and determine median, range and mode.	Week by Week Essentials Pgs. 4,26,31,44,57,70,93,143 DPI Indicators/Strategies Pgs. 38-41
4.03 Solve problems by comparing two sets of related data.	TLW interpret information orally and in writing, using charts, tables, and tallies. TLW compare and contrast two sets of related data when displayed on different types of graphs.	Week by Week Essentials Pgs. 117,138,166 DPI Indicators/Strategies Pgs. 42-43
4.04 Design experiments and list all possible outcomes and probabilities for an event	TLW determine the probability of an event according to the degree of likelihood. TLW explore possible outcomes of an event.	Week by Week Essentials Pgs. 39,63,68,88,110,117,121,162 DPI Indicators/Strategies Pgs. 44-45



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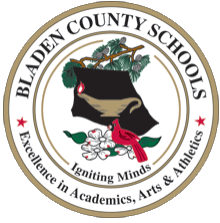
THIRD NINE WEEKS – (Wks 5-9)		
SCOS Goals and Objectives	Blooms/Activities/Projects	Recommended Resources
Goal 5. The learner will demonstrate an understanding of mathematical relationships.		
5.01 Identify, describe, and generalize relationships in which:		Week by Week Essentials Pgs. 138
5.01 (a) Quantities change proportionally.	TLW will show understanding of proportional changes in quantities through the use of an INPUT/OUTPUT chart.	DPI Indicators/Strategies Pgs. 46-51
5.01 (b) Change in one quantity relates to change in a second quantity.	TLW define and use function machines, square numbers, fractional patterns, triangular numbers, and ratios.	Week by Week Essentials Pgs. 66, 121,123,133,145,156 DPI Indicators/Strategies Pgs. 46-51
5.02 Translate among symbolic, numeric, verbal, and pictorial representations of number relationships.	TLW recall multiplication and division facts. TLW identify missing numbers in multiplication and division open sentences.	Week by Week Essentials Pgs. 6,8,10,11,12,14,16,18,22,26,29,74 97,110,125,129,138,162 DPI Indicators/Strategies Pgs. 46-51



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FOURTH NINE WEEKS – (Wks 1-4)		
SCOS Goals and Objectives	Blooms/Activities/Projects	Recommended Resources
Goal 3. The learner will recognize and use geometric properties and relationships.		
3.01 Use the coordinate system to describe the location and relative position of points and draw figures in the first quadrant.	TLW define and identify the x-axis, origins, and quadrant. TLW draw and describe figures created by plotting points in the first quadrant.	Week by Week Essentials Pgs. 106 DPI Indicators/Strategies Pgs. 32-33
3.02 Describe the relative position of lines using concepts of parallelism and perpendicularity.	TLW define, label, and identify interesting, parallel and perpendicular lines.	Week by Week Essentials Pgs. 26, 106 DPI Indicators/Strategies Pgs. 34-35
3.03 Identify, predict, and describe the results of transformations of plane figures.		Week by Week Essentials Pgs. 39 DPI Indicators/Strategies Pgs. 36-37
3.03(a) Identify, predict, and describe the results of reflections.	TLW illustrate an understanding of reflections.	



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FOURTH NINE WEEKS – (Wks 1-4)		
SCOS Goals and Objectives	Blooms/Activities/Projects	Recommended Resources
Goal 3. The learner will recognize and use geometric properties and relationships.		
3.03(b) Identify, predict, and describe the results of translations.	TLW illustrate an understanding of translations.	
3.03(c) Identify, predict, and describe the results of rotations.	TLW identify congruent and similar figures. TLW define and recognize rotations, translations, reflections, and transformations.	
Last six weeks of school	Refresh and review material covered throughout the year. Focus on trouble areas for students.	