

Fourth Grade *Everyday Mathematics* Learning Goals – Units 1-12

LEARNING GOAL BY ASSESSMENT RUBRIC INDICATORS	UNIT
Secure	
Name, draw, and label line segments, lines and rays	1
Name, draw, and label angles, triangles, and quadrangles	1
Identify and describe right angles and parallel lines and line segments	1
Solve addition and subtraction facts	1
Use the statistical landmarks maximum and minimum	2
Have a successful strategy for subtracting multidigit numbers	2
Have a successful strategy for adding multidigit numbers	2
Read and write numerals to hundred-millions; give the value of the digits in numerals to hundred-millions	2
Give equivalent names for numbers	2
Solve basic multiplication facts	3
Understand the relationship between multiplication and division	3
Draw and measure line segments to the nearest centimeter	4
Use dollars-and-cents notations	4
Compare large numbers	5
Estimate sums	5
Identify the whole for fractions	7
Identify fractional parts of a collection of objects	7
Identify fractional parts of regions	7
Give equivalencies between hundredths-fractions, decimals and percents	9
Use a calculator to rename any fractions as a decimal or percent	9
Use a transparent mirror to draw the reflection of a figure	10
Identify lines of symmetry, lines of reflection, reflected figures, and figures with line symmetry	10
Solve rate problems, using rate tables as necessary	12
Developing	
Identify properties of polygons	1
Classify quadrangles according to side and angle properties	1
Display data with a line plot, bar graph, or tally chart	2
Use the statistical landmarks median, mode, and range	2
Solve open sentences	3
Insert parentheses to make true number sentences; solve problems with parentheses	3
Determine whether number sentences are true or false	3
Use and explain strategies for solving addition and subtraction number stories	3
Use a map scale to estimate distances	3
Solve basic division facts	3
Express metric measures with decimals	4
Convert between metric measures	4
Read and write decimals to thousandths	4
Compare and order decimals	4

Draw and measure line segments to the nearest millimeter	4
Use personal references to estimate lengths in metric units	4
Solve 1- and 2-place decimal addition and subtraction problems and number stories	4
Solve extended multiplication facts	5
Make magnitude estimates for products of multidigit numbers	5
Solve multidigit multiplication problems	5
Round whole numbers to a given place	5
Read and write numbers to billions; name the values of digits in numerals to billions	5
Have a successful strategy for solving whole-number division problems	6
Express the remainder of a whole-number division problem as a fraction and the answer as a mixed number	6
Interpret the remainder in division problems	6
Name and locate points specified by ordered number pairs on a coordinate grid	6
Identify acute, right, obtuse, straight, and reflex angles	6
Make turns and fractions of turns; relate turns and angles	6
Use a circular protractor and a half-circle protractor to measure and draw angles	6
Use and explain strategies for solving multiplication and division number stories	6
Rename fractions with denominators of 10 and 100 as decimals	7
Apply basic vocabulary and concepts associated with chance events	7
Compare and order fractions	7
Find fractions equivalent to a given fraction	7
Use formulas to find area of rectangles, parallelograms, and triangles	8
Find the perimeter of a polygon	8
Estimate the area of a figure by counting unit squares and fractions of unit squares inside	8
Find a percent or a fraction of a number	9
Give equivalencies between "easy" fractions (fourths, fifths, and tenths), decimals, and percents	9
Translate figures	10
Add positive and negative integers	11
Estimate the weight of objects in ounces or grams; weigh objects in ounces or grams	11
Solve cube-stacking volume problems	11
Describe properties of geometric solids	11
Find unit rates	12
Calculate unit prices to determine which product is the "better buy"	12
Evaluate the reasonableness of rate data	12
Collect and compare rate data	12
Beginning	
Use a compass and straightedge to construct geometric figures	1
Use exponential notation to represent powers of 10	5
Identify locations on Earth for which latitude and longitude are given; find latitude and longitude for given locations	6
Add and subtract fractions	7
Make and interpret scale drawings	8
Use an estimation strategy to divide decimals by whole numbers	9
Use an estimation strategy to multiply decimals by whole numbers	9
Add integers	10
Rotate figures	10
Use a formula to calculate the volume of rectangular prisms	11
Subtract positive and negative integers	11
Find unit rates	12

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