

Fourth Grade Math Learning Targets 2016-2017 REGIONAL SCHOOL UNIT #22

RSU #22 is committed to the optimal learning of all students. As RSU #22 continues to move towards meeting 2018 graduation expectations, we have elected to look at proficiency learning targets K-12. Rather than only the high school being responsible to report student proficiency, we have listed learning targets at each grade level. We know that some children may be able to meet standards beyond the targets listed at the grade level. We also know that some students will need more time to meet the expectations.

In some instances, students would only be expected to meet a 2, the foundational proficiency level. Keep in mind that some students may be working at lower levels or higher levels.

Standards Scored on the Report Card:

Geometry Attributes and Properties

Learning Target	Proficiency Level
Understands the terms: parallel lines, perpendicular lines, intersecting lines and right angle.	2
Understands the similarities and differences among the angles and lines of shapes. Understands how to compose a geometric shape with given conditions.	3

Geometry Measurement

Learning Target	Proficiency Level
Understands the formula for finding the area of a rectangle and square.	3
Understands the formula for calculating the perimeter of rectangles.	2
Is skilled at using the perimeter and area formulas for rectangles in real	3

world and mathematical problems.	
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Number Sense: Fractions, Decimals, and Percents

Learning Target	Proficiency Level
Is skilled at decomposing a fraction into a sum of fractions with the same denominator.	2

Number Sense: Place Value

Learning Target	Proficiency Level
Understands the rules for rounding whole numbers to any place using place value.	3

Operations: Multiplication and Division

Learning Target	Proficiency Level
Is skilled at multiplying a multi-digit number by a one-digit number.	2
Is skilled at multiplying two-digits by two-digit numbers.	3
Understands the relationship between multiplication and division.	2
Is skilled at finding all factor pairs for a whole number in a range 1-100. Is skilled at finding multiples of a whole number.	3
Is skilled at dividing multi-digit dividend by a one-digit divisor with no remainders.	2
Is skilled at dividing a four digit dividend by a one-digit divisor with remainders.	3

Is skilled at solving multiplication and division word problems.	3
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Operations: Multiplication and Division Checklist

Learning Target	Proficiency Level
Knows multiplication and division facts 0-12.	mastered

Statistics and Probability: Data Analysis

Learning Target	Proficiency Level
Is skilled at organizing, representing, and formatting data in a picture graph and line plot (dot plot) using whole units. Is skilled at converting a simple set of data or a picture graph/line plot into a bar graph.	2
Is skilled at using a graphic representation of information to interpret data and solve problems.	3
Understands how to interpret line plots that display a data set of measurement in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$)	2
Is skilled at creating line plots that display a data set of measurements in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$).	3