Grade 6 Math Learning Targets 2015-2016
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 created some initial 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.

Standards to be scored:

Number Sense: Fractions, Decimals and Percents 4,5,6,7
Understand the rules for adding and subtracting fractions with like denominators and simplifying the results
Understands the rules for ordering and comparing fractions with like and unlike denominators
Understands decimal notation for fractions with a denominator of 10, 100, 1000.
Understands the relationship between tenths and hundredths place in fractions and decimals
Is skilled at addition and subtraction of decimals up to thousandths place

Number Sense: Place Value 5,6,7
Understands the place value system: that a digit in one place represents 10 times as much as it represents in the place to its right represents
Understand the place value system: that a digit in ones place represents 1/10 of what it represents in the place to its left
Understands the concept of rounding decimals to any place using place value

Geometry: Coordinate Systems   1
Knows the first number in an ordered pair indicates how far to travel from the origin in the direction of the horizontal axis, and the second number indicates how far to travel in the direction of the vertical axis

Geometry: Attributes and Equations   2,3
Understands defining attributes of the following shapes: triangle, quadrilateral, pentagon, hexagon, trapezoid, rectangle, square, and rhombus.
Understands the symmetry in shapes or figures.

Geometry: Measurement   3,4
Is skilled at using perimeter and area formula for rectangles in real world and mathematical problems.
Is skilled at finding volume using unit cubes. Is skilled at using the formula for finding volume of a right rectangular prism with whole number edge lengths

Tools of Measurement: Measurement 4
Is skilled at measuring to the half-inch and quarter-inch.