

## Third 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 & Properties

Learning Target	Proficiency Level
Understands the similarities and differences between or among two-dimensional and three-dimensional shapes.	3
Understands defining attributes of a polygon and non-polygon. Understands defining attributes of quadrilaterals and non-quadrilaterals.	3
Understands the symmetry in shapes or figures.	3

### Geometry: Geometric Measurement

Learning Target	Proficiency Level
Understands perimeter is an attribute of plane figures.	2
Is skilled at finding the perimeter of a polygon	3

**Number Sense: Fractions, Decimals and Percents**

<b>Learning Target</b>	<b>Proficiency Level</b>
Understands what the numerator and denominator represents.	2
Understands that each of the equal parts represents a fraction $\frac{1}{b}$ as a quantity formed by one part when the whole figure is divided up into equal parts.	3
Understands two fractions are equivalent (equal) if they are the same size or the same point on a number line.	2

**Number Sense: Place Value**

<b>Learning Target</b>	<b>Proficiency Level</b>
Understands place values to millions.	2

**Operations: Addition & Subtraction**

<b>Learning Target</b>	<b>Proficiency Level</b>
Understands commutative, identity and associative properties of addition.	2
Is skilled at adding and subtracting a two digit by one digit and two digit by two digit numbers.	3
Is skilled at addition and subtraction with whole numbers with three or more digits.	2
Understands how to solve word problems using addition and subtraction of whole numbers.	3

**Operations: Multiplication & Division**

<b>Learning Target</b>	<b>Proficiency Level</b>
Understands various ways to represent multiplication.	3
Understands the commutative, associative, identity, property of zero, and distributive properties of multiplication.	2
Is skilled at using the commutative, associative, identity, property of zero, and distributive properties of multiplication.	3
Understands signal words/phrases in word problems for multiplication and division.	2

**Operations: Multiplication & Division Checklists**

<b>Learning Target</b>	<b>Proficiency Level</b>
Knows multiplication and division facts 0-12.	mastery

**Statistics & Probability: Data Analysis**

<b>Learning Target</b>	<b>Proficiency Level</b>
Is skilled at creating a scaled picture graph and a scaled bar graph using an appropriate range.	2
Understands how to interpret a scaled picture graph and scaled bar graph and how it affects the data	3

**Tools of Measurement: Measurement**

<b>Learning Target</b>	<b>Proficiency Level</b>
Understands that a ruler can be broken down into a number line with fractional parts.	2
Is skilled at measuring to the half -inch and quarter-inch.	3

**Tools of Measurement: Money**

<b>Learning Target</b>	<b>Proficiency Level</b>
Understands the need for making change. Is skilled at making change.	2
Is skilled at using the rules for exchanging coins and bills.	3

**Tools of Measurement: Time**

<b>Learning Target</b>	<b>Proficiency Level</b>
Understands that time can be measured to the nearest quarter hour using a.m. and p.m. on an analog and digital clock.	3
Understands elapsed time.	2
Is skilled at calculating elapsed time.	3