

## Second 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:

### Algebra: Foundational Algebra

Learning Target	Proficiency Level
Understands the meaning of sequence and rule.	2
Is skilled at generating a sequence given a rule.	3

### Geometry: Attributes & Properties

Learning Target	Proficiency Level
Understands the following details: 2-dimensional shapes are lying in a plane (flat), 3-dimensional shapes are solid.	2
Understands defining attributes of the following shapes: triangle, pentagon, hexagon, trapezoid, rectangles, square, circle, oval, and rhombus.	2
Understands the concept of symmetry.	2

**Geometry: Geometry Measurement**

<b>Learning Target</b>	<b>Proficiency Level</b>
Understands the concept of a unit square, square units and area.  Is skilled at finding area by counting unit squares.	2

**Number Sense: Counting and Cardinality Checklists**

<b>Learning Target</b>	<b>Introduced/Mastered by Year's End</b>
Skip count by 2s forward and backwards from any given number.	Mastered
Skip count by 5s forward and backwards from any given multiple of 5.	Mastered
Skip count by 10s forward and backwards	Mastered
Skip count by 25s forward from any given multiple of 25.	Mastered

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

<b>Learning Target</b>	<b>Proficiency Level</b>
Understands that a whole is made up of parts.	2
Understands that a circle or rectangle can be divided up into equal parts.	3

**Number Sense: Place Value**

<b>Learning Target</b>	<b>Proficiency Level</b>
Understands that 100 can be thought of as a bundle of ten tens -called a hundred.  Understands numbers 100 -900 refer to x hundreds and zero tens and zero ones.	2

Understands that the three digits of a three -digit number represent amount of hundreds, tens, and ones.	3
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### Operations: Addition & Subtraction

Learning Target	Proficiency Level
Understands addition and subtraction can be represented in an equation form.	2
Is skilled at adding to numbers within 20. Is skilled at taking from numbers within 20.	3

### Operations: Multiplication & Division

Learning Target	Proficiency Level
Understands the relationship between multiplication and division.	2

### Statistics & Probability: Data Analysis

Learning Target	Proficiency Level
Understands how to organize and interpret data.	3

### Tools of Measurement: Measurement

Learning Target	Proficiency Level
Knows the terms and abbreviations: ml: millimeter, cm: centimeter, m; meter, in : inch, ft: foot, yd: yard Knows the measurement tools and their measurement: yardstick, meter stick, ruler, tape measure.	2
Understands that length and distance can be measured using an appropriate measurement tool.	3
Understands how to measure with a variety of linear measurement tools (ruler, measuring tape, yardstick).	2

Is skilled at estimating, measuring and expressing the length of an object to the nearest inch, foot, meter and centimeter.	3
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**Tools of Measurement: Money**

Learning Target	Proficiency Level
Knows how to order coins & bills for counting.	2
Understands the value of a collection of different coins and bills.	3

**Tools of Measurement: Time**

Learning Target	Proficiency Level
Knows the terms: a.m., p.m. quarter hour, minute.  Knows there are 60 seconds in a minute, 60 minutes in an hour, and 24 hours in a day .  Is skilled at skip counting by 5's.	2
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 that time can be measured to the nearest 5 minute using a.m. and p.m. on an analog and digital clock.	2