

Kindergarten 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 Scored on the Report Card:

Counting and Cardinality

- Can count, name and write to 20
- 1 to 1 match 0-10
- Can count to 100
- Can count up from any interrupted counting

Operations and Algebraic Thinking

- Can generate and extend patterns
- Knows +, - and = sign
- Understands addition and subtraction can be represented by using objects, fingers, mental images, drawings, sounds or equations
- Can state and record the answer to addition and subtraction facts 0-5

Number and Operations in Base Ten

All content at this standard is at an introductory level.

Measurement and Data

- Understands what more and less
- Understands concept of time and sequence
- Understands morning, afternoon, yesterday and tomorrow
- Understands objects can be categorized by comparing their lengths and widths.
- Skilled at sorting, classifying and categorizing objects using length and width
- Read and interpret graph/data

Geometry

- Directional terms: above, below, beside, in front of, behind, and next to

Additional Concepts Introduced:

Counting and Cardinality

- Counting by 10's to 100
- Counting by 5's to 100
- Counting by 2's to 10
- Counting backwards from 20
- Writing numbers 0-100

Operations and Algebraic Thinking

- Addition Math Facts 0-10
- Solve addition and subtraction word problems within 10

Number and Operations in Base Ten

- Understands that numbers 11-19 are made up of tens and ones (such as $18=10+8$)

Measurement and Data

- Standard and non-standard measurement

Geometry

- Knows: square, triangle, rectangle, hexagon, trapezoid, rhombus, circle
- Knows non-defining attributes like color size and orientation
- Identify and compare shapes as 2D or 3D
- Building 2D and 3D shapes