

**Octorara Area School District
Standards Based Report Card Rubrics
2018-2019
2nd grade MATH**

Standards-based grading aligns grading with the PA Core Standards. The report card accurately communicates achievement of learning targets to students, parents, and educators. Our report card provides specific information about the level of proficiency on the learning targets that are taught each trimester.

By the end of the year, students are expected to meet each grade-level standard (M). Students not meeting standards will receive instructional supports to achieve mastery for specific content and skills.

The purpose of these rubrics is to assist students, parents, and teachers in understanding what the specific learning expectations are for students to be considered at grade-level mastery in each skill area. These learning expectations may grow or increase as the school year progresses and more content/skills are introduced.

SBRC Descriptor	M	SP	LP	NA
Means:	Consistently meets grade level expectations/standards	Demonstrates steady progress toward meeting grade level expectations/standards	Demonstrates limited progress toward meeting grade level expectations/standards	Not assessed at this time
Math Fact Fluency				
Shows basic facts mastery/uses mental strategies to add within 20	Independently and consistently calculates basic addition facts efficiently, accurately and flexibly	Inconsistently calculates basic addition facts efficiently, accurately and flexibly. May be independent with some facts, but not all.	Dependent upon concrete strategies or tools such as number lines, drawings, or objects to calculate addition facts	Not assessed at this time
Shows basic facts	Independently and	Inconsistently calculates	Dependent upon	Not assessed at this

mastery/uses mental strategies to subtract within 20	consistently calculates basic subtraction facts efficiently, accurately and flexibly	basic subtraction facts efficiently, accurately and flexibly. May be independent with some facts, but not all.	concrete strategies or tools such as number lines, drawings, or objects to calculate subtraction facts	time
Numbers and Operations in Base Ten				
Uses place value concepts to represent amounts of tens and ones and to compare three digit numbers	Independently and consistently demonstrates place value concepts for ones, tens, and hundreds without using manipulatives. Independently and consistently orders and compares numbers up to 1,000	Consistently demonstrates place value concept for ones, tens, and hundreds using concrete objects. Consistently orders and compares numbers up to 500	Limited ability to demonstrate place value concepts even with manipulatives. Consistently orders and compares numbers up to 300	Not assessed at this time.
Use place value concepts to read, write, and skip count to 1,000	Recognizes and writes whole numbers to 1,000 including skip counting by 5's, 10's, and 100's.	Recognizes and writes whole numbers to 500 including skip counting by 5's, 10's, and 100's.	Recognizes and writes whole numbers to 300 including skip counting by 5's, 10's, 100's	Not assessed at this time.
Uses place value understanding and properties of operations to add within 1,000	Independently and consistently solves single digit addition problems with and without regrouping in vertical and horizontal form	With teacher assistance is able to solve single digit addition problems with and without regrouping in vertical and horizontal form.	Is unable to solve single digit addition problems without regrouping in vertical and horizontal form.	Not assessed at this time.
Uses place value understanding and properties of operations to subtract within 1,000	Independently and consistently solves single digit subtraction problems with and without regrouping in vertical and horizontal form	With teacher assistance is able to solve single digit subtraction problems with and without regrouping in vertical and horizontal form.	Is unable to solve single digit subtraction problems without regrouping in vertical and horizontal form.	Not assessed at this time.

Operations and Algebraic Thinking				
Represents and solves problems involving addition within 100.	Independently and consistently represents and solves problems involving addition within 100.	Inconsistently represents and solves problems involving addition within 100.	Unable to represent and solve problems involving addition within 100.	Not assessed at this time.
Represents and solves problems involving subtraction within 100	Independently and consistently represents and solves problems involving subtraction within 100.	Inconsistently represents and solves problems involving subtraction within 100.	Unable to represent and solve problems involving subtraction within 100.	
Works with equal groups of objects to gain foundations for multiplication	Is able to independently draw a picture, array or manipulatives to solve basic multiplication and division facts	With teacher assistance is able to use manipulatives to solve basic multiplication and division problems.	Unable to use manipulatives to solve basic multiplication and division problems.	Not assessed at this time.
Geometry				
Analyzes shapes and their attributes	Draws and analyzes 2D and 3D geometric shapes.	Inconsistently draws and analyzes geometric shapes and solids in 2D and 3D	Draws and analyzes less than 4 of the 2D and 3D geometric shapes and solids.	Not assessed at this time.
Partitions shapes into halves and quarters/fourths and thirds.	Partitions shapes into halves, quarters, and thirds consistently	Inconsistently partitions shapes into halves or parts that are not equal.	Unable to partition shapes into halves, or parts that are not equal.	Not assessed at this time.

Measurement and Data				
Tells and writes time to the nearest 5 minutes using both analog and digital clocks	Tells and writes time to hour, half hour, quarter hour, and 5 minute intervals.	Tells and writes time to the hour, half hour, and quarter hour.	Limited ability to tell time.	Not assessed at this time.
Measures and estimates lengths in standard units (customary and metric) using appropriate tools	Accurately measures length in customary and metric units to the nearest inch, foot, yard, centimeter, and meter.	Accurately measures, with teacher assistance, length in customary and metric units.	Inaccurately measures length customary and metric units.	Not assessed at this time.
Counts money and solves problems involving money	Counts, compares, and makes change using a collection of mixed coins/bills and solves related word problems	Counts, compares, and makes change using a collection of mixed coins/bills.	Is unable to count, compare, and make change using collections of mixed coins up to \$1.00.	Not assessed at this time.
Represents and interpret data using line plots, picture graphs and bar graphs	<p>Uses given data to create a bar graph, frequency table and line plot.</p> <p>Uses graphs to answer questions and draw conclusions.</p>	Inconsistently interprets, construct, and draws conclusions from bar graphs, frequency tables, and line plots.	Is unable to interpret, construct, and draw conclusions from bar graphs, pictographs, and tally charts.	Not assessed at this time.

