

**Octorara Area School District  
Standards Based Report Card Rubrics  
2018-2019  
Grade 1 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
<b>Math Fact Fluency</b>				
Shows basic facts mastery/uses mental strategies to add within 10	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 mastery/uses mental strategies to subtract within 10	Independently and consistently calculates basic subtraction facts efficiently, accurately and flexibly	Inconsistently calculates basic subtraction 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 subtraction facts	Not assessed at this time
<b>Numbers and Operations in Base Ten</b>				
Reads and writes numerals to 120 starting with any number	Independently and consistently reads numeral to 120 starting with any number	Inconsistently reads numerals to 120 starting with any number	Is unable to read numeral to 120 starting with any number	Not assessed at this time.
Demonstrates an understanding of place value (tens and ones) and compares two-digit numbers	Recognizes and orders numbers beyond 100.  Consistently and independently demonstrates place value with tens and ones including the ability to identify place value of tens and ones within written numbers.	Recognizes and orders numbers to 100.  Consistently and independently demonstrates place value with tens and ones including the ability to identify place value of tens and ones within written numbers.	Recognizes and orders numbers beyond 0-50.  Inconsistently demonstrates concepts of place value with tens, and ones.	Not assessed at this time
Uses place value concepts to add within 100	Consistently and independently uses place value concepts to add within 100	Inconsistently uses place value concepts to add within 100	Is unable to use place value concepts to add within 100	Not assessed at this time
Uses place value concepts to subtract multiples of ten	Consistently and independently uses place value concepts to subtract multiples of ten within 100	Inconsistently uses place value concepts to subtract multiples of ten within 100	Is unable to use place value concepts to subtract multiples of ten within 100	Not assessed at this time

within 100				
<b>Operations and Algebraic Thinking</b>				
Represents and solves problems involving addition within 20.	Consistently and independently adds single and double digit numbers without regrouping.	Consistently adds single digit numbers without regrouping at the representational level	Consistently adds single digit numbers without regrouping at the concrete level	Not assessed at this time.
Represents and solves problems involving subtraction within 20.	Consistently and independently subtracts single and double digit numbers without regrouping.	Consistently subtracts single digit numbers without regrouping at the representational level	Consistently subtracts single digit numbers without regrouping at the concrete level.	Not assessed at this time.
Understand and apply properties of operations and the relationships between addition and subtraction	Consistently and independently determines if equations involving addition/subtraction are true or false	Inconsistently determines if equations involving addition/subtraction are true or false	Does not understand the meaning of the equals sign.	Not assessed at this time.
<b>Geometry</b>				
Composes and distinguishes between 2D and 3D shapes based on their	Identifies and describes 3D shapes and their attributes, including spheres, cylinders, rectangular prisms, pyramids, cones, and cubes.	Names and describes 2D geometric shapes and some 3D shapes.  Identifies vertical or horizontal	Names less than 4 of the 2D shapes.  Unable to identify and draw lines of symmetry in geometric	Not assessed at this time.

attributes.	Identifies and draws horizontal and vertical lines of symmetry in geometric figures and identifies figures that have no symmetry.	lines of symmetry in geometric figures.	figures.	
Partitions shapes into halves and quarters/ fourths.	Consistently and independently partitions shapes into halves and quarters.	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.
<b>Measurement and Data</b>				
Measures and orders lengths using non-standard units of measures and compares the length of two objects by using a third object.	Accurately measures objects using non-standard and standard units and is able to order the lengths.	Accurately measures using non-standard and inconsistently measures using standard units.	Inaccurately measures using non-standard units.	Not assessed at this time.
Tells and writes time to the hour and half hour using both	Independently tells and independently writes time to the nearest hour and half hour using both analog and	Inconsistently tells and writes time to the nearest hour and half hour using both analog and digital clocks.	Tells time to the hour on an analog clock	Not assessed at this time.

analog and digital clocks.	digital clocks.			
Represents and interprets data using tables/charts.	<p>Collects, organizes, and displays data using tally charts, line plots, bar graphs, and tables.</p> <p>Answers factual questions using tally charts, line plots, and bar graphs, such as how many.</p>	<p>Collects and organizes data with teacher assistance</p> <p>Is able to answer questions using tally charts, line plots OR bar graphs.</p>	<p>Is unable to collect, organize, and display data using pictographs, tally charts, and bar graphs.</p> <p>Is unable to answer questions using data and graphs.</p>	Not assessed at this time.