

**Octorara Area School District  
Standards Based Report Card Rubrics  
2018-2019  
3rd 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
<b>Math Fact Fluency</b>				
Addition Facts to Sums of 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
Subtraction Facts within	Independently and	Inconsistently calculates	Dependent upon concrete	Not assessed at this time

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.	strategies or tools such as number lines, drawings, or objects to calculate subtraction facts	
Multiplication Facts 0 to 10	Independently and consistently calculates basic multiplication facts 0-10 efficiently, accurately and flexibly	Inconsistently calculates basic multiplication facts 0-10 efficiently, accurately and flexibly	Dependent upon concrete strategies or tools such as multiplication charts to calculate basic multiplication facts 0-10	Not assessed at this time.
<b>Numbers and Operations - Base Ten</b>				
Applies place value understanding and properties of operations to perform multi-digit arithmetic	Independently estimates and add/subtracts single, double, and triple digit numbers with and without regrouping.  Multiplies one-digit whole numbers by multiples of 10 in the range 10-90	Accurately and consistently estimates and add/subtracts single and double digit numbers with and without regrouping	Limited ability to estimate and add/subtract single and double digit numbers with and without regrouping accurately and consistently.	Not assessed at this time.
<b>Numbers and Operations-Fractions</b>				
Demonstrates an understanding of fractions as numbers	NA	NA	NA	Not assessed at this time.
<b>Operations and Algebraic Thinking</b>				
Represents and solves	Independently and	Inconsistently multiplies	Limited understanding of	Not assessed at this time.

Grade 3 Math SBGR  
Trimester 1

problems involving multiplication and division	consistently multiplies 1 digit numbers using 0 and 1 .	using 0 and 1.	multiplication.	
Understands and applies properties of operations and the relationship between multiplication and division	Consistently determines if equations involving multiplication are true or false	Inconsistently determines if equations involving multiplication are true or false	Does not understand the meaning of the equals sign	Not assessed at this time.
Solves problems involving the four operations; identifies and explains patterns in arithmetic	Consistently solves problems with less than 4 operations	Inconsistently solves problems with two operations	Inability to solve problems	Not assessed at this time
<b>Geometry</b>				
Identifies, compares, and classifies shapes and their attributes	NA	NA	NA	Not assessed at this time.
Uses the understanding of fractions to partition shapes into parts with equal areas and expresses the area of each part as a fraction of the whole	NA	NA	NA	Not assessed at this time.

Measurement and Data				
Solves problems involving money using a combination of coins and bills	Solves word/story problems that involve money accurately and consistently	Consistently writes money amounts and compares, orders, and adds money amounts	Inconsistently writes money amounts, compares, orders and adds money	Not assessed at this time.
Tells and writes time to the nearest minute and solves problems by calculating time intervals	NA	NA	NA	Not assessed at this time.
Solves problems involving measurement and estimation of temperature, liquid volume, mass, or length	NA	NA	NA	Not assessed at this time
Represents and interprets data using tally charts, tables, pictographs, line plots, and bar graphs	<p>Displays data on graphs, including tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>Answers questions related to data and graphs and interprets graphs.</p> <p>Translates data from one graph to another.</p>	<p>Displays data on one simple graph, including tally charts, tables, and bar graphs.</p> <p>Answers simple questions or interprets simple graphs</p>	Limited ability to collect, describe, compare and interpret data using tables, charts and graphs	Not assessed at this time
Determines the area of a rectangle and applies the concept to multiplication	NA	NA	NA	Not assessed at this time.

and to addition				
Solves problems involving perimeters of polygons and distinguishes between linear and area measures	NA	NA	NA	Not assessed at this time.