Octorara Area School District
Standards Based Report Card Rubrics
2018-2019
Grade 6 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
The Number System				
Shows basic fact mastery	Independently and consistently calculates basic facts efficiently, accurately and flexibly	Inconsistently calculates basic facts efficiently, accurately and flexibly. May be independent with one or more of the four operations, but not all	Dependent upon concrete strategies or tools such as multiplication charts and/or calculator to calculate facts	Not assessed at this time
Applies and extends previous understandings of multiplication and division to divide fractions by fractions	Independently and consistently is able to multiply and divide fractions	Is able to multiply fractions, but demonstrates inconsistency and.or inability when dividing fractions	Inability to multiply and divide fractions	Not assessed at this time

Identifies and chooses appropriate processes to compute fluently with multi-digit numbers	Consistently multiplies multi-digit numbers, decimals and fractions and solves related word problems	Consistently multiplies single digit numbers, decimals and fractions, and solves related word problems	Limited ability to solve problems	
Develops and/or applies number theory concepts to find common factors and multiples	Identifies factors and multiples of numbers. Identifies the GCF and LCM of two or more numbers.	Identifies factors, multiples of individual numbers and identifies the GCF or LCM of two numbers.	Limited ability to apply number concept theories.	
Applies and extends previous understandings of numbers to the system of rational numbers	Consistently compares and orders integers Consistently plots integers on horizontal/vertical lines Understands absolute value	Consistently compares and orders integers Consistently plots integers on horizontal/vertical lines Limited understanding of absolute value	Limited ability to compare and order integers Limited ability to plot integers on horizontal/vertical lines Limited understanding of absolute value	
Ratios and Proportional Relationships				
Demonstrates an understanding of ratio concepts and uses ratio reasoning to solve problems	Consistently and independently solves real-world and mathematical problems using ratio and rate reasoning	Demonstrates an understanding of ratios, but is unable to set up proportions.	Demonstrates a limited understanding of ratios and proportions	
Expressions and Equations				
Applies and extends previous understandings of arithmetic to algebraic expressions	NA	NA	NA	Not assessed at this time
Demonstrates understanding of the process of solving a one-variable equation or inequality and applies to	NA	NA	NA	Not assessed at this time

real-world mathematical problems			
Represents and analyzes quantitative relationships between dependent and independent variables	NA	NA	NA	Not assessed at this time
Geometry			
Applies appropriate tools to solve real-world and mathematical problems involving area, surface area, and volume.	NA	NA	NA	
Graphs points in all four quadrants on the coordinate plane to solve real world and mathematical problems.	NA	NA	NA	
Statistics and Probability			
Use a set of numerical data to develop an understanding of and recognize statistical variability.	NA	NA	NA	