REGIONAL SCHOOL DISTRICT 13

Grade 3 Math Rubric

	4 Meeting	3 Approaching	2 Developing	1 Beginning
3.OA.C.7 **Multiplies and divides fluently within 100 using strategies**	Multiplies and divides fluently within 100 using strategies	Multiplies and divides the majority of advanced facts (3, 4, 6, 7, 8, 9) by applying foundation fact strategies	Multiplies and divides all foundation facts (0,1, 2, 5, 10) using strategies	Multiplies and divides some of the foundation facts (0, 1, 2, 5, 10) using strategies
3.OA.A.1 **Uses multiplication to solve problems**	Uses multiplication to solve problems, write equations, and connect to real world scenarios using models (concrete materials and pictures)	Uses models to show multiplication as equal groups to solve problems	Uses models to show multiplication as equal groups to solve problems but may be inaccurate	Uses models to show multiplication as equal groups (skip counting) to solve problems with direct consistent support
3.OA.A.2 **Uses division to solve problems**	Uses division to solve problems, write equations, and connect to real world scenarios using models (concrete materials and pictures)	Uses models to show division as partitioning into equal groups	Uses models to show division as partitioning into equal groups to solve problems but may be inaccurate	Uses models to show division as partitioning into equal groups with direct consistent support
3.NBT.A.2 **Adds and subtracts three-digit numbers fluently**	Adds and subtracts three-digit numbers fluently using multiple strategies based on place value, properties of operations, and/or the relationship between addition	Adds and subtracts three-digit numbers with some strategies based on place value, properties of operations, and/or the relationship between	Adds and subtracts three-digit numbers using concrete materials and/or pictures inconsistently	Adds and subtracts three-digit numbers using concrete materials with direct consistent support

		and subtraction	addition and subtraction		
3.OA.8 Solves two-step word problems involving all four operations	Solves two-step word problems involving all four operations	Solves two-step word problems involving all four operations but may be inaccurate	Solves two-step word problems involving all four operations but may need direct consistent support to understand the problems, choose a strategy to solve a problem, and/or write an equation.	Solves two-step word problems involving all four operations with direct consistent support
3.MD.C.7 Relates area to the operations of multiplication and addition	Relates area to the operations of multiplication and addition to find the area of a composite of rectangular figures	Calculates the area of rectangular figures using the understanding of arrays and multiplication	Counts units from a concrete model to find the area of a rectangular figure	Counts units from a concrete model to find the area of a rectangular figure with direct consistent support
3.MD.D.8 Solves real world and mathematical problems involving perimeter and area	Solves real world problems involving area and perimeter of rectangles and combinations of rectangles including finding a missing dimension	Solves real world problems involving area and perimeter of rectangles	Finds area and perimeter of a shape without context	Finds area and perimeter of a shape with direct consistent support
3.NF.A.1 3.NF.A.2 Reads, understands and represents fractions	Reads, understands, and represents fractions on a number line or as a part of a whole, using fraction notation	Reads, understands, and represents fractions on a number line or as a part of a whole, using fraction notation inconsistently	Reads, understands, and/or represents fractions through the use of concrete models or pictures	Reads, understands, and/or represents fractions with direct consistent support
3.NF.A.3 Compares, orders and determines equivalence of fractions	Compares, orders, and determines equivalence of fractions	Compares, orders, and determines equivalence of fractions inconsistently	Compares, orders, and/or determines equivalence of fractions with concrete models	Compares, orders, and/or determines equivalence of fractions with concrete models and direct consistent support

3.MD.A.1 3.MD.A.2 Solves one-step word problems involving measurement	Solves one-step problems involving measurement (telling time to the minute, elapsed time beyond an hour, and volume and weight measurements) and selects appropriate units of measure	Solves one-step word problems involving measurement (telling time to the minute, elapsed time beyond an hour, and volume and weight measurements), including selecting appropriate units of measure, inconsistently	Solves one-step word problems involving measurement (telling time to the minute, elapsed time beyond an hour, and volume and weight measurements) with direct consistent support	Tells and writes time to the nearest minute, measures time intervals in minutes, measures and/or estimates liquid volumes and masses of objects with direct consistent support
3.G.A.1 Describes and reasons with attributes of a variety of shapes	Identifies, describes, and categorizes a variety of shapes based on their attributes	Identifies, describes, and categorizes a variety of shapes inconsistently	Identifies and describes a variety of shapes based on their attributes inconsistently	Identifies a variety of shapes based on their attributes with direct consistent support