WBASD Elementary Mathematics Curriculum Document **Kindergarten** **2020-2021**

1st Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.1.K.A.1	Know number names and write and recite the count sequence.	Students will be able to model and count 1, 2, 3, 4, and 5 with objects.	GoMath! 2015		one
					two
2.1.K.A.2	Apply one-to-one correspondence to count the number of objects.	Students will be able to represent 1, 2, 3, 4, and 5 objects with a number name and written numeral.			three
					four
		Students will be able to use objects or drawings to decompose 5 into pairs in mopre than one way.			five
					zero
		Students will know that each successive number refers to a quantity that is one larger.			match
					pair
		Students will be able to solve problems by using the strategy "make a model".			and
					larger
		Students will be able to represent 0 objects with a number name and a written numeral.			fewer
					more

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1st Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.1.K.A.3	Apply the concept of magnitude to compare numbers and quantities.	Students will be able to use matching and counting strategies to compare sets with the same number of objects. Students will be able to use matching and counting strategies to compare sets when the number of objects in one set is greater than the number of objects in the other set. Students will be able to use matching and counting strategies to compare sets when the number of objects in one set is less than the number of objects in the other set. Students will be able to make a model to solve problems using a matching strategy. Students will be able to use a counting strategy to compare sets of objects.	GoMath! 2015		same number compare match more less fewer one two three four five

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1st Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.1.K.A.1	Know number names and write and recite the count sequence.	Students will be able to model and count objects with 6, 7, 8, and 9 objects.	GoMath! 2015		six
2.1.K.A.2	Apply one-to-one correspondence to count the number of objects.	Students will be able to represent 6, 7, 8, and 9 objects with a number name and a written numeral.			seven
		Students will be able to solve problems by using the strategy "draw a picture".			eight
					nine
					match

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2nd Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.1.K.A.3	Apply the concept of magnitude to compare numbers and quantities.	Students will be able to model and count with 10 objects. Students will be able to represent 10 objects with a number name and a written numeral. Students will be able to show ways to make 10. Students will be able to compare sets. Students will be able to compare sets by counting. Students will be able to compare two numbers. Students will be able to solve problems using the strategy "draw a picture".	GoMath! 2015		ten match sety compare

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2nd Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.2.K.A.1	Extend the concepts of putting together and taking apart to add and subtract within 10.	Students will be able to use expressions to represent addition. Students will be able to represent addition within 5. Students will be able to solve problems using the strategy "act it out". Students will be able to use objects and drawings to solve addition word problems within 5. Students will be able to use a drawing to find 10 from a given number and record the equation. Students will be able to solve addition word problems within 10 and record the equation. Students will be able to decompose numbers within 10 into pairs in more Than one way and record in an equation.	GoMath! 2015		one two three four five six seven eight nine ten add addition plus is equal to pair

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2nd Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.2.K.A.1	Extend the concepts of putting together and taking apart to add and subtract within 10.	Students will be able to use expressions to represent subtraction within 10. Students will be able to solve problems using the strategy "act it out". Students will be able to use objects and drawings to solve subtraction word problems within 10. Students will be able to solve subtraction word problems within 10 and record the equation. Students will be able to understand addition as putting together or adding to when solving word problems. Students will be able to understand subtraction as taking apart or taking from to solve word problems.	GoMath! 2015		minus subtraction is equal to plus

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3rd Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.1.K.A.1	Know number names and write and recite the count sequence.	Students will be able to use objects to decompose the numbers 11, 12, 13, 14, 15, 16, 17, 18, and 19 into tens and ones and some further ones.	GoMath! 2015		ones
					eleven
2.1.K.A.2	Apply one-to-one correspondence to count the number of objects.				twelve
		Students will be able to represent 11, 12, 13, 14, 15, 16, 17, 18, and 19 objects with number names and written numerals.			thirteen
					fourteen
		Students will be able to solve problems by using the strategy "use a picture".			fifteen
					sixteen
					seventeen
					eighteen
					nineteen

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3rd Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.1.K.A.1	Know number names and write and recite the count sequence.	Students will be able to model and count with 20 objects.	GoMath! 2015		ones tens
2.1.K.A.2	Apply one-to-one correspondence to count the number of objects.	Students will be able to represent 20 objects with a number name and a written numeral. Students will be able to count forward to 20 from a given numeral. Students will be able to know the count sequence when counting to 50 by ones. Students will be able to know the count sequence when counting to 100 by ones. Students will be able to use sets of tens to count to 100.			twenty fifty one hundred compare

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3rd Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.3.K.A.1	Identify and describe two and three dimensional shapes.	Students will be able to identify and name two-dimensional shapes including circles, squares, triangles,	GoMath! 2015		circle
2.3.K.A.2	Analyze, compare, create, and compose two and three dimensional shapes.	rectangles, and hexagons.			curve
		Students will be able to describe attributes of circles, squares, triangles, rectangles, and hexagons.			square
		Students will be able to use the words alike and different to compare two-dimensional shapes by attributes.			rectangle
		Students will be able to solve problems by using the strategy "draw a picture".			triangle
		Students will be able to make sense of and persevere in solving complex and novel mathematical problems.			hexagon
					sides
					corner
					vertex
					vertices
					alike
					different

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4th Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.3.K.A.1 2.3.K.A.2	Identify and describe two and three dimensional shapes. Analyze, compare, create, and compose two and three dimensional shapes.	Students will be able to analyze and compare 3-dimensional shapes by attributes. Students will be able to identify, name, and describe 3-dimensional shapes including spheres, cubes, and cones. Students will be able to use the terms *above* and *below* to describe shapes in the environment. Students will be able to use the terms *beside* and *next to* describe shapes in the environment. Students will be able to use the terms *in front of* and *behind* to describe shapes in the environment.	GoMath! 2015		above behind below beside in front of cone cube cylinder sphere curved surface flat surface roll slide stack three-dimensional

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4th Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.1.K.A.3	Apply the concept of magnitude to compare numbers and quantities.	Students will be able to compare the lengths of two objects.	GoMath! 2015		heavier
2.4.K.A.1	Describe and compare attributes of length, area, weight, and capacity of everyday objects.	Students will be able to compare the heights of two objects.			lighter
		Students will be able to compare the weights of two objects.			longer
		Students will be able to describe several measurable attributes of a single object.			shorter
		Students will be able to solve problems using the strategy "draw a picture".			taller
					same height
					same length
					same weight

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4th Quarter

Standard	Learning Goals/Concepts	Student Performance Objectives	Resources/Activities	Assessments	Terminology
2.4.K.A.4	Classify objects and count the number of objects in each category.	Students will be able to classify and count objects by color. Students will be able to classify and count objects by shape. Students will be able to classify and count objects by size. Students will be able to make a graph to count objects that have been classified into categories. Students will be able to read a graph to count objects that have been classified intto categories. Students will be able to solve problems using the strategy "logical reasoning".	GoMath! 2015		big small size blue green yellow red shape category classify graph