

Grade K Math

Diary map is based on the 2018-2019 school year. Information may change year to year. Months are guidelines and items may be done at different times of the year.

Month	Essential Questions	Content	Skills	Assessment	Resources	Technology
<p>Common Core Standards for Mathematical Content</p> <p>Counting and Cardinality K.CC.A Know number names and the count sequence. K.CC.B Count to tell the number of objects. K.CC.C Compare numbers.</p> <p>Operations and Algebraic Thinking K.OA.A Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.</p> <p>Number and Operations in Base Ten K.NBT.A Work with numbers 11-19 to gain foundations for place value.</p> <p>Measurement and Data K.MD.A Describe and compare measurable attributes. K.MD.B Classify objects and count the number of objects in each category.</p> <p>Geometry K.G.A Identify and describe shapes. K.G.B Analyze, compare, create, and compose shapes.</p>			<p>Common Core Standards for Mathematical Practice</p> <p>MP.1 Make sense of problems and persevere in solving them. MP.2 Reason abstractly and quantitatively. MP.3 Construct viable arguments and critique the reasoning of others. MP.4 Model with mathematics. MP.5 Use appropriate tools strategically. MP.6 Attend to precision. MP.7 Look for and make use of structure. MP.8 Look for and express regularity in repeated reasoning.</p> <p>*Practice standards are ongoing all year.</p>			
Aug.	Classifying Objects How are objects classified?	Classifying Objects -Alike -Different -Shape -Size -Sort	Classifying Objects -Sort objects by size -Sort objects by shape -Sort object by number	Classifying Objects -McGraw-Hill <i>My Math</i> Kindergarten workbook pages (2016) -Oral discussion	Classifying Objects -McGraw-Hill <i>My Math</i> Kindergarten (2016)	Classifying Objects -SMART Board
Sept.	Position How is position identified?	Position -Above -Behind -Below -Beside -In front of -Next to	Position -Use the vocabulary words to identify the position of an object	Position -McGraw-Hill <i>My Math</i> Kindergarten workbook pages (2016) -Oral discussion	Position -McGraw-Hill <i>My Math</i> Kindergarten (2016)	Position -SMART Board
	Standards: K.G.A.2 K..G.A.3 K.G.B.4	2 Dimensional Shapes How are shapes compared?	2 Dimensional Shapes -Triangle -Sides -Circle	2 Dimensional Shapes -McGraw-Hill <i>My Math</i> Kindergarten workbook pages (2016)	2 Dimensional Shapes -McGraw-Hill <i>My Math</i> Kindergarten (2016)	2 Dimensional Shapes -SMART Board

Grade K Math

Diary map is based on the 2018-2019 school year. Information may change year to year. Months are guidelines and items may be done at different times of the year.

Month	Essential Questions	Content	Skills	Assessment	Resources	Technology
K..G.B.5 K.G.B.6		-Rectangle -Hexagon -Round -Straight -Square -Vertex	round edges	-Oral discussion		
Oct Standards: K.CC.B.4 K.CC.B.5 K.CC.C.6 K.CC.C.7	Numbers 0-5 How is how many shown?	Numbers 0-5 -Count -Equal to -Greater than -Less than -Numbers 0-5	Numbers 0-5 -Use numerals to match correct quantity	Numbers 0-5 -McGraw-Hill <i>My Math</i> Kindergarten workbook pages (2016) -Oral discussion	Numbers 0-5 -McGraw-Hill <i>My Math</i> Kindergarten (2016)	Numbers 0-5 -SMART Board
Nov. Standards: K.CC.A.3 K.CC.B.4 K.CC.B.5 K.CC.C.6 K.CC.C.7	Numbers to 10 What do numbers tell?	Numbers to 10 -Ordinal number -Numbers 6-10	Numbers to 10 -Name, recognize, and count quantity using concrete objects and drawings	Numbers to 10 -McGraw-Hill <i>My Math</i> Kindergarten workbook pages (2016) -Oral discussion	Numbers to 10 -McGraw-Hill <i>My Math</i> Kindergarten (2016)	Numbers to 10 -SMART Board
Dec. Standards: K.CC.A.1 K.CC.A.2 K.CC.A.3 K.CC.B.4 K.CC.B.5	Numbers Beyond 10 How are numbers beyond ten shown?	Numbers Beyond 10 -Numbers 11-20	Numbers Beyond 10 -Name, recognize, and count quantity using concrete objects and drawings	Numbers Beyond 10 -McGraw-Hill <i>My Math</i> Kindergarten workbook pages (2016) -Oral discussion	Numbers Beyond 10 -McGraw-Hill <i>My Math</i> Kindergarten (2016)	Numbers Beyond 10 -SMART Board
Jan. Standards: K.OA.A.1 K.OA.A.3 K.OA.A.4	Compose and Decompose Numbers to 10 How can numbers be shown in other ways?	Compose and Decompose Numbers to 10 -Numbers 4-10	Compose and Decompose Numbers to 10 -Show ways to compose and decompose numbers 4-10 using concrete objects, pictures and numbers	Compose and Decompose Numbers to 10 -McGraw-Hill <i>My Math</i> Kindergarten workbook pages (2016) -Oral discussion	Compose and Decompose Numbers to 10 -McGraw-Hill <i>My Math</i> Kindergarten (2016)	Compose and Decompose Numbers to 10 -SMART Board
Feb.	Addition	Addition	Addition	Addition	Addition	Addition

Grade K Math

Diary map is based on the 2018-2019 school year. Information may change year to year. Months are guidelines and items may be done at different times of the year.

Month	Essential Questions	Content	Skills	Assessment	Resources	Technology	
	How are different objects used to add?	Add -Equal sign -In all -Join -Plus sign	-Model addition by putting groups together, using concrete objects, and reading a number sentence	-McGraw-Hill <i>My Math</i> Kindergarten workbook pages (2016) -Oral discussion	-McGraw-Hill <i>My Math</i> Kindergarten (2016)	-SMART Board	
March	Subtraction How are different objects used to subtract?	Subtraction -Are left -Minus sign -Subtract -Take away	Subtraction -Model subtraction by taking apart groups, using concrete objects, and reading a subtraction sentence	Subtraction -McGraw-Hill <i>My Math</i> Kindergarten workbook pages (2016) -Oral discussion	Subtraction -McGraw-Hill <i>My Math</i> Kindergarten (2016)	Subtraction -SMART Board	
April	Compose and Decompose numbers 11-19 How are numbers 11 to 19 shown other ways?	Compose and Decompose numbers 11-19 -Numbers 11-19	Compose and Decompose numbers 11-19 -Compose and decompose numbers 11 to 19 using concrete objects and drawing to show a group of ten and some more	Compose and Decompose Numbers 11-19 -McGraw-Hill <i>My Math</i> Kindergarten workbook pages (2016) -Oral discussion	Compose and Decompose Numbers 11-19 -McGraw-Hill <i>My Math</i> Kindergarten (2016)	Compose and Decompose Numbers 11-19 -SMART Board	
May	Measurement How are objects described and compared by length, height, and weight?	Measurement -Capacity -Heavier -Height -Holds less -Holds more -Length -Lighter -Longer -Shorter -Taller -Weight	Measurement -Use direct comparison to compare the length, weight, and heights of objects	Measurement -McGraw-Hill <i>My Math</i> Kindergarten workbook pages (2016) -Oral discussion	Measurement -McGraw-Hill <i>My Math</i> Kindergarten (2016)	Measurement -SMART Board	
	Standards: K.OA.A.1 K.OA.A.3 K.OA.A.4 K.OA.A.5						
	Standards: K.OA.A.1 K.OA.A.3 K.OA.A.4 K.OA.A.5						
	Standards: K.NBT.A.1						
	Standards: K.MD.A.1 K.MD.A.2						
	Standards: K.G.A.1 K.G.A.2	3 Dimensional Shapes How are 3 dimensional shapes identified and	3 Dimensional Shapes -Cone -Cube	3 Dimensional Shapes -Identify, name, and describe solid shapes	3 Dimensional Shapes -McGraw-Hill <i>My Math</i> Kindergarten workbook	3 Dimensional Shapes -McGraw-Hill <i>My Math</i> Kindergarten (2016)	3 Dimensional Shapes -SMART Board

Grade K Math

Diary map is based on the 2018-2019 school year. Information may change year to year. Months are guidelines and items may be done at different times of the year.

Month	Essential Questions	Content	Skills	Assessment	Resources	Technology
K.G.A.3 K.G.B.4 K.G.B.5	compared?	-Cylinder -Roll -Slide -Sphere		pages (2016) -Oral discussion		