

MATH: Grade K

Month	Concepts	Performance Indicators	Skills	Assessments
September/ October	Sorting Shapes Numerals to 5 Time 1-1 Correspondence Patterns Math Wall Math Vocabulary Time Measurement	K.S.3 K.G.1 K.N.4 K.N.5 K.N.9 K.N.4 K.A.2 K.A.1 K.S.2 K.M.2 K.G.5	Sort concrete objects by 1 attribute Identify four basic shapes (4) State numbers in sequence to 21 and backwards 10-0 Read and write numerals to 5 With the group, read calendar numbers Extend 2 part patterns Explore attribute blocks Interpret simple bar graphs (Math Wall) Explore coins Recite days of the week Compare lengths (exploration) Compare weights (exploration) Explore concepts heavier, lighter, over, under, etc.	Oral and Slate Assessments Observation District Baseline Assessment
November/ December	Numerals to 10 1-1 correspondence Patterns Exploring Number Lines Functions Shapes	K.N.1 K.N.4 K.N.9 K.G.5 K.A.1 K.N.5 K.G.1 K.G.2 K.G.3	Make 1-1 correspondence for numbers 0-10 and objects Count in order to 50 Count on from a given number Read & write numbers to 10 Explore number lines Explore calculators to answer number questions Generate 2-part patterns Continue to explore coins- penny & nickel Explore a function rule with numbers in sequence Identify 6 shapes Describe characteristics and relationships of geometric objects Sort groups of objects by size and size order Explore vertical and horizontal orientation of objects	Observation Oral and Slate Assessments

Month	Concepts	Performance Indicators	Skills	Assessments
January/ February	Representing data Skip counting Time Sorting Symmetry	K.S.4 K.N.4 K.N.5 K.G.4 K.M.3 K.S.3	Represent data using manipulations Count forward to 70 Count backward 10-0 Count tally marks Count on varying the starting point Skip count with the group by 2s, 5s, and 10s Explore counting with a calculator Explore symmetry with everyday objects Explore the quarter (enrichment) Develop an understanding of times such as morning, noon, afternoon and evening Sort and organize objects by 2 attributes	District Mid-Year Assessment Observation Oral, slate and pencil/paper assessment
March/ April	Skip Counting Number stories/ Word problems Explore Volume, Patterns, Measurement Explore number families Add/Subtract	K.N.4 K.N.9 K.G.4 K.M.2 K.N.11 K.N.12 K.A.2	Practice counting to 100 by 1's Practice counting by 2's, 5's and 10's Explore 3-digit numbers Begin to write numerals to 20 Explore solid shapes Explore volume using different sized containers Explore number sentences, stories and word problems Explore number families using concrete objects Begin to measure objects using standard and non-standard measurement tools Explore the dollar bill Use and understood verbal ordinal terms, first to tenth Add and subtract concrete objects to 3 Recognize, describe, extend and create patterns that repeat (ABAB, ABC)	Observation Oral and Slate Assessment Pencil/paper assessment

Month	Concepts	Performance Indicators	Skills	Assessments
May/June		K.N.4 K.N.9 K.N.1 K.N.4 K.G.1 K.N.12 K.N.13 K.S.1 K.S.2	Count to 100 by 1's Read numbers to 31 and beyond Write numbers to 20 Count backwards from 10 Make 1-1 correspondences for numbers to 20 & objects Count independently by 2's, 5's and 10's Identify square, triangle, diamond, circle, oval, rectangle Explore estimation strategies Distinguish +, - and = Solve and create addition and subtraction verbal word problems Determine sums and differences by various means Gather data in response to questions posed by teacher and students Help make pictographs for quantities to 10	District end of year assessment Observation Oral and state assessments Pencil and paper assessments