

**1<sup>st</sup> Six Weeks at a Glance – 2<sup>nd</sup> Grade**

Math Curriculum						Extensions
6 weeks	Math Topics	TEK Objective	Concepts to Learn	Vocabulary	Projects	
1	Addition Facts and Strategies  Subtraction facts Strategies  Place Value	2.3a 2.5c 2.1a 2.1c  2.1a	Compare joining and part-part-whole meanings of addition to solve problems Count on to recall sums Doubles and doubles plus one Make a ten Use patterns and strategies to recall sums Fact Families Using 3 addends Understand subtraction to solve problems Use addition to find the difference Use concrete models of hundreds, tens and one to represent a given whole number (up to 999) in various ways Use place value to read, write, and describe the value of whole numbers to 999.	Add, number sentence Doubles, doubles plus one Count on Addends Rule Subtract, take away, compare Count back, difference Fact family Missing addend Ones, tens, and hundreds Digit	Worksheets , and transparencies Flash cards Around the World game Tic Tac Toe Game Card Game...21 Flash Cards Counting blocks Ten frames Number line Base ten blocks Connecting cubes TEKSas Bulletin Board Daily Word Problem  Hundreds Chart  Calculator	
2	Compare and Order Numbers  Even and odd numbers  Hundred chart  Skip Counting on a number line  Looking for a number pattern  2 digit addition  2 digit subtraction	2.1c 2.8  2.5a    2.6a  2.3b  2.14	The student recognizes that line can be used to represent a set of numbers and its properties. The student is expected to use whole numbers to locate and name points on a number line.  Use symbols <, >, = Use a number line to order numbers  Add on multiples of tens  Subtract multiples of tens  Regrouping for addition  Regrouping for subtraction  Estimate differences	Is greater than <is less than> Is equal to = Greatest, Least Even, odd Skip-count regroup	Number line  Gator Mouth  Number game of even and odd  Base ten blocks  TEKSAS Bulletin Board  Daily Word Problem	

		Math Curriculum			Extensions
6 weeks	Math Topics	TEK Objective	Concepts to Learn	Vocabulary	Projects
3	Data and Probability  Read and make a picture graph  Take a survey  Read and make a bar graph  More likely and less likely in events  Predictions  Possible outcomes  Count Money	2.11a  2.11b  2.11c        2.3d	The student will draw conclusions and answer questions based on picture graphs and bar-type graphs.  The student will construct picture graphs and bar-type graphs.  The student will use data to describe events as more likely or less likely as drawing certain color crayon from a bag of seven red crayons and three green crayons.  The student will predict the outcome about the likelihood of events.  Solve problems by using the strategy to make a bar graph.  The student is expected to determine the value of a collection of coins up to one dollar.	Picture graph Key Tally table Tally marks Survey Bar graph More likely Less likely Event   Dime nickel. Penny, half dollar, quarter Dollar, dollar sign, decimal point, change	Graph of favorite cookies          Play money Real money
4	Time       Geometry and spatial reasoning       Patterns	2.10c 2.10b   2.7 2.7a 2.7b 2.7c    2.6c	The student is expected to describe activities that take approximately one second, one minute, and one hour. The student will explore measurement of time in quarter hour. Tell and show time to 5 minutes. Tell time as minutes before the hour.  The student uses attributes to identify two-and-three-dimensional geometric figures. The student compares and contrasts two-and –three dimensional figures or both. How they are alike or different.  Identify, classify, and describe three-dimensional figures by their attributes. Compare three-dimensional figures by their attributes using formal geometry vocabulary.  Identify, describe, and extend repeating and additive patterns to make predictions and solve problems.	Second and minute Hour Quarter hour   Circle, polygons, spheres, cones, cylinders, prisms and pyramids, cubes Vertex, Vertices, and faces, edges, sides 3-dimensional 2-dimensional Flat surface Curved surface  Pattern unit Repeating pattern	Clocks  Wooden shapes  Scavenger hunt for shapes  Pictures from magazines that are the geometric shapes in our everyday life.  Counting blocks shapes

		Math Curriculum			Extensions
6 weeks	Math Topics	TEK Objective	Concepts to Learn	Vocabulary	Projects
5	Fractions       Place Value of Greater Numbers	2.2A  2.2C  2.2B  2.1A 2.1B  2.3A	Identify fractions for 1 equal part of a whole. Compare unit fractions using models. Identify fractions that represent more than 1 equal part of a whole.  Identify if a fraction is closer to $\frac{1}{2}$ or go 1.  Model and name the fraction for 1 part of a group of objects. Name fractions for any number of equal parts of a group.  Understand hundreds as groups of tens Use models to identify the number of hundreds, tens, and ones of 3-digit numbers. The student is expected to: use place value to read, write, and describe the value of whole numbers to 999.  The student is expected to: describe how the cent symbol, dollar symbol, and decimal point are used to name the value of a collection of coins.	Fraction, whole, equal parts    Hundreds, tens Digit	Big circle...pizza cut into fractions      Classroom objects that can be grouped and categorized.

