MATH

Math Grade 2

M.2.A Money

A.1. Students will:
- a) Read and write amounts in decimal notation (on paper & with a calculator).
- b) Understand the concept of making change from a dollar.
- c) Count and express values of bills and coins in various ways to $2.00.

M.2.B Time

B.1. Students will:
- a) Read and write to 5 minute intervals; A.M.-P.M.
- b) Understand and manipulate calendar concepts: days, weeks, months (identify names), and yrs (12 months).

M.2.C Measurement

C.1. Students will:
- a) Understand relationship between inches, feet, and yards.
- b) Recognize and use appropriate forms of measurement (e.g. baby's weight – is it measured in inches, pounds, or cups?)
- c) Accurately measure to the nearest inch, cm., and degree using – ruler, yardstick, tape measure, and thermometer.

M.2.D Data

D.1. Students will:

- a) Manipulate numbers by a given rule (Number Grid Puzzles, Frames/Arrows, What's My Rule, In-Out Boxes, Function Machine, etc.) using patterns to find the unknown.
- b) Will know how to graph – create, read, interpret/compare, and analyze simple bar graphs and tables.
- c) Find minimum, maximum, mode, and median of a data set.

M.2.E Geometry

E.1. Students will:
- a) Identify and tell the difference between 2 & 3 dimensional objects (2-D: pentagon, hexagon, octagon; 3-D: cone, sphere, cube, rectangle, prism, and cylinder).
- b) Identify, draw, and label a line segment.
- c) Identify and draw parallel and non-parallel lines.

Math

M.2.F Fractions

F.1. Students will:
 a) Give a fractional name for the shaded part – $\frac{1}{4}$s, $\frac{1}{2}$s, and 1/3s.
 b) Understand that fractions are equal parts of a whole.
 c) Be able to shade fractional region – $\frac{1}{2}$s, 1/3s, $\frac{1}{4}$s.

M.2.G Number Operations
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G.1.Students will:
 a) Automatically know their 0-18 addition facts.
 b) Automatically know their 0-14 subtraction facts.
 c) Add double digit w/ and w/o regrouping.
 d) Subtract double digit w/o regrouping.
 e) Make and explain reasonable estimates for whole number addition and subtraction problems.

M.2.H Number Stories

H.1. Students will:
 a) Read, understand, and write a "3" sentence story problem.
 b) Choose the correct strategy either addition or subtraction to solve the story problem accurately.
 c) Be able to explain how they solved the story problem.

M.2.I Place Value

I.1. Students will:
 a) Demonstrate, read, and compare the values of digits in 2, 3, 4, and 5 digit numbers; <, >,and =.
 b) Manipulate digits in a given place (i.e. use "these" digits to make smallest/largest numbers).
 c) Round to the nearest 10.

M.2.J Number Sense

J.1. Student will:
 a) Count by 2s, 5s, 10s from a given number past 1,000.
 b) Count back by 1s from any number less than 1,000.
 c) Recognize numbers as odd or even.

M.2.K Patterns & Algebra

K.1. Student will:
 a) Read, create, and explain number sentences using the symbols +, -, =,>, and <; write expressions and number sentences to model number stories.
 b) Describe the Commutative and Associative Properties of Addition.