2nd Grade Math Placemat

Number and Operations in Base Ten

2.NBT.A – Understand place value

2.NBT.01 – Understand three-digit numbers represent hundreds, tens, and ones
    2.NBT.01a – Understand that 100 can be thought of as a bundle of ten tens
    2.NBT.01b – Recognize that the numbers 100 or 200, etc., refer to one or two hundreds, etc
	2.NBT.02 – Count within 1000; skip-count by 5s, 10s, and 100s	2.NBT.03 – Read & write numbers to 1000 using numerals, number names and expanded form	2.NBT.04 – Compare two three-digit numbers using >,<,=

2.NBT.B – Use place value understanding and properties of operations to add and subtract

2.NBT.05 – Fluently add and subtract within 100	2.NBT.06 - Add up to four two-digit numbers	2.NBT.07 -Using models, drawing, and other strategies, add & subtract within 1000; use the relationship between addition and subtraction to solve and justify the solution	2.NBT.08 - Mentally add or subtract 10 or 100 to/from a given number within 1000	2.NBT.09 - Explain why addition and subtraction strategies work

Operations and Algebraic Thinking

2.OA.A Represent and solve word problems involving addition and subtraction

2.OA.B Add and subtract within 20

2.OA.C Work with equal groups of objects to gain foundations for multiplication

2.OA.A	2.OA.B	2.OA.C	
2.OA.01 – Write and solve addition and subtraction within 100 to solve 1 and 2 step word problems	2.OA.02 – Fluently add and subtract within 20 using mental strategies	2.OA.03 – Determine whether a group of objects has an odd and even number of members; Count by 2s to 100 starting with any even number. Express even numbers as pairings/groups of 2, and write an expression to represent the number using addends of 2. Express even numbers as being composed of equal groups and write an expression to represent the number with 2 equal addends.	2.OA.04 –Add to find the total number of objects arrange in arrays; write equations

Measurement and Data

2.MD.A – Measure and estimate lengths in standard form

2.MD.B – Relate addition and subtraction to length

2.MD.C1 – Work with time

2.MD.C2 – Work with money

2.MD.D – Represent and interpret data

2.MD.A				2.MD.B		2.MD.C1	2.MD.C2	2.MD.D	
2.MD.01 – Measure the length using appropriate tools	2.MD.02 – Measure the length of an object twice, using different length units and analyze the results	2.MD.03 – Estimate lengths using inches, feet, yards, cm, meters	2.MD.04 – Measure to determine how much longer one object is than another	2.MD.05 – Add and subtract within 100 to solve word problems involving lengths	2.MD.06 – Represent whole numbers as lengths from 0 on a number line	2.MD.07 – Tell time to the nearest five minutes, using a.m and p.m. on an analog and digital clock; relate a time shown on a digital clock to the same time on an analog clock.	2.MD.08– Solve word problems involving dollar bills and coins using multiple combinations	2.MD.09 – Generate data by measuring to nearest whole unit and create a line plot 2.MD.10 – Draw a picture graph, bar graph, and line plot to represent a data set with up to four categories, and draw conclusions from the data	2.MD.10 – Draw a picture graph, bar graph, and line plot to represent a data set with up to four categories, and draw conclusions from the data

Geometry
2.G.A Reason with shapes and their attributes

2.G.01 – Recognize and draw shapes having specified attributes; Identify triangles, quadrilaterals, pentagons, hexagons, circles, cubes, and the faces of three-dimensional objects.	2.G.02 – Partition rectangles into rows and columns of same-size squares	2.G.03 – Partition circles and rectangles into 2, 3, or 4 equal shares and describe each share. Demonstrate that equal shares of identical wholes need not have the same shape.

BOLD – Priority Standards

Blue – New wording coming from the NEW MLS

Red – Completely NEW standard from MLS

Green – In the CCSS but not in MLS, BUT we are still going to teach it