

MARESA SECOND GRADE MATH COMMON CORE PACING GUIDE

SEPTEMBER/OCTOBER

- Count within 1000. (2.NBT.2)
- Skip-count by 5s, 10s, and 100s. (2.NBT.2)
- Read and write numbers to 100 using base-ten numerals, number names, and expanded form. (2.NBT.3)
- Fluently add and subtract within 20 using mental strategies. (2.OA.2)
- Odd or even numbers up to 20. (2.OA.3)
- Write an equation to express an even number as a sum of two equal addends. (2.OA.3)
- Understand that digits represent amounts of hundreds, tens, and ones. (2.NBT.1)
- Use $<$, $=$, and $>$ to compare two-digit numbers. (2.NBT.4)
- Mentally add or subtract 10 or 100 from a given number 100-900. (2.NBT.8)

NOVEMBER/DECEMBER

- Addition and subtraction within 100 to solve one- and two-step word problems. (2.OA.1)
- Solve addition and subtraction problems with unknowns in all positions. (2.OA.1)
- Model equal groups within rectangular arrays. (2.OA.4)
- Write an equation for a given array. (2.OA.4)
- Determine total number of objects in an array. (2.OA.4)
 - Fluently add and subtract within 100. (2.NBT.5)
 - Explain why addition and subtraction strategies work. (2.NBT.9)

STANDARDS FOR MATHEMATICAL PRACTICE

- 1) **Make sense of problems and persevere in solving them.**
- 2) **Reason abstractly and quantitatively.**
- 3) **Construct viable arguments and critique the reasoning of others**
- 4) **Model with mathematics**
- 5) **Use appropriate tools strategically**
- 6) **Attend to precision**
- 7) **Look for and make use of structure**
- 8) **Look for and express regularity in repeated reasoning**

JANUARY/FEBRUARY

- Addition and subtraction within 100 to solve one- and two-step word problems. (2.OA.1)
- Solve addition and subtraction problems with unknowns in all positions. (2.OA.1)
- Use $<$, $=$, and $>$ to compare three-digit numbers. (2.NBT.4)
- Add up to four 2-digit numbers. (2.NBT.6)
- Add and subtract within 1,000. (2.NBT.7)
- Compose and decompose numbers to 1,000. (2.NBT.7)
- Tell time in five-minute intervals. (2.MD.7)
- Write time from five-minute intervals. (2.MD.7)
- Use the terms a.m. and p.m. appropriately. (2.MD.7)
- Identify coins and their values. (2.MD.8)
- Use the dollar symbol and the cents symbol appropriately. (2.MD.8)
- Show multiple combinations of coins or dollars for a given value. (2.MD.8)
- Solve word problems using either dollars or cents. (2.MD.8)

MARCH/APRIL/MAY

- Choose appropriate tools and measure the length of an object. (2.MD.1)
- Measure an object using two units of different lengths. (2.MD.2)
- Estimate lengths using units of inches, feet, centimeters and meters. (2.MD.3)
- Determine the difference in length between two objects. (2.MD.4)
- Solve word problems involving units of the same length. (2.MD.5)
- Use drawing to solve addition and subtraction involving the same length. (2.MD.5)
- Solve equations with a symbol to represent the unknown number. (2.MD.5)
- Represent whole numbers as lengths from 0 on a number line. (2.MD.6)
- Generate measurement data by measuring lengths of objects to the nearest whole unit. Construct a line plot using the generated data. (2.MD.9)
- Construct picture graphs using a single unit scale. (2.MD.10)
- Construct bar graphs using a single unit scale. (2.MD.10)
- Identify triangles, quadrilaterals, pentagons, hexagons, and cubes. (2.G.1)
- Recognize and draw shapes having specified attributes. (2.G.1)
- Partition a rectangle into rows and columns of same-sized squares. (2.G.2)
- Partition circles and rectangles into two, three, and four equal shares. (2.G.3)
- Describe the shares using the words halves, thirds, fourths, half of, and a fourth of. (2.G.3)
- Recognize that equal shares of identical wholes need not have the same shape. (2.G.3)

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