MARESA KINDERGARTEN MATH COMMON CORE PACING GUIDE

SEPTEMBER/OCTOBER
- Count to 100 by ones and tens (K.CC.1)
- Count forward from a given number within a known sequence (K.CC.2)
- Write numbers from 0-20 representing a number of objects (K.CC.3)
- When counting objects, use one to one correspondence (K.CC.4a)
- Understand that the last number counted tells the number of objects (K.CC.4b)
- Understand that the next number counted refers to one larger (K.CC.4c)
- Count to answer "how many?" in an organized group up to 20 and scattered up to 10 (K.CC.5)
- Describe objects by their shapes and position (K.G.1)
- Correctly name shapes regardless of their size and orientation (K.G.2)
- Classify, count, and sort objects up to 10 into given categories (K.MD.3)

NOVEMBER/DECEMBER
- Compare two numbers between 1 and 10 presented as written numbers (K.CC.7)
- Identify shapes as two and three dimensional (K.G.3)
- Analyze and compare 2d and 3d shapes (K.G.4)
- Identify a group of objects as greater than, less than or equal to another group of objects (K.CC.6)
- Model shapes in the world by building shapes from components (K.G.5)

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
- Compose and decompose numbers from 11-19 into ten ones and some more ones (K.NBT.1)
- Represent addition and subtraction in a variety of ways (K.OA.1)
- Solve addition and subtraction word problems, and add and subtract within 10. (K.OA.2)
- For any number from 1-9 find the number that makes 10 when added to the given number (K.OA.4)
- Describe several measurable attributes of a single object (K.MD.1)
- Compare two objects with a measurable attribute in common (K.MD.2)

MARCH/APRIL/MAY
- Compose simple shapes to form larger shapes (K.G.6)
- Decompose numbers less than or equal to 10 into pairs in more than one way (K.OA.3)
- Fluently add and subtract within 5 (K.OA.5)