Kindergarten Unit 8- Counting, Fact Fluency, & Problem Solving

In this unit students will:

- Use their sense of touch to recognize, describe, and analyze 3-dimensional shapes and their attributes

- Explore counting as a way to measure and compare lengths of time

- Count forward from numbers other than 1 throughout the 1-100 sequence

- Develop fluency with subtraction facts within 5 and addition facts within 5

- Use bundles of ten and single craft sticks to represent numbers greater than ten

- Find number pairs that add to 10 and share their solutions

- Describe patterns they see and discuss how they can use these patterns to find solutions to problems

- Decompose numbers and find missing parts of 10

- Compare numbers and place them in order from smallest (least) to largest (greatest)

Ideas for Home:

- Use a paper bag and place a 2D or 3D shape in the bag. Have your child guess what shape it is. Remind them to use attributes to describe the shape (round, flat, large, small, corners)

- Have your child perform various tasks (walking into another room by walking, hopping, tiptoeing) and count to see the length/amount of time it took.

- Practice addition and subtraction word problems by using real world manipulatives. (Ex: How many plates and napkins are on the dinner table?)

- Ask your child addition math facts to 5 and subtraction facts from 5. (Practice these in the car, while eating breakfast, anytime!)

- Ask your child to count on from any number from 1-100 other than 1.

Please note: The activities above are not homework. They are suggestions for supporting learning at home. Please consult with your child's teacher for homework and specific suggestions related to your child's needs.

Websites:

1) https://login.i-ready.com/
2) Play "Top-It" at
   https://emgames.everydaymathonline.com/demosite/demo_chooser_ec.html
3) www.abcya.com
   a. Under "K" – Choose "Numbers"- Suggested games include "Count to 100," "Interactive Number Chart," "Number Grid Fireworks," "Numerical Order"
4) http://illuminations.nctm.org/activity.aspx?id=3565 - Choose #3- FILL