Kindergarten Unit 5:

Using Numbers Within 20

Overview:

In this unit, students will continue to explore numbers and develop understanding of numbers (number sense). They will use place value as they compose (put together) and decompose (break apart) numbers into ten and some more. Students will represent the numbers as ten and some more using objects and drawings. They will count to 100 by tens and ones and count backward from 20 by ones as well as count forward by ones from any number to 100 and backwards from any number within 20.

Learning Targets:

In Unit 5, students will:

- Count up to 20 objects in a variety of structured arrangements
- When counting objects, explain that the last number counted represents the total quantity in a set
- Describe numbers from 11 to 19 by composing (putting together) and decomposing (breaking apart) the numbers into ten ones and some more ones.
- Count forward to 100 by tens and ones and backward from 20 by ones.
- Count forward beginning from any number within 100 and count backward from any number within 20.
- Identify written numerals 0 – 20 and represent a number of objects with a written numeral 0 – 20
- Compare two sets of up to 10 objects and identify whether the number of objects in one group is more or less than the other group using the words greater than, less than, the same as.
- Ask questions and answer them based on gathered information, observations, and appropriate graphical displays to solve problems relevant to everyday life.

Key Vocabulary: (linked to GA DOE Interactive Glossary)

combine	equal	more
count	estimate	same amount as
digits	greater	tens
efficient	less	

Supporting Resources:

http://ctlslearn.cobbk12.org/	https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Oktas-Rescue/
https://gavirtual.instructure.com/courses/33668#modules	https://www.bbc.co.uk/teach/school-radio/nursery-rhymes-ten-in-the-bed/z7bnmfr
https://www.nctm.org/noticeandwonder/	https://tangmath.com/numtanga