2nd Grade Unit 1:

Using Tables, Graphs, and Charts

Overview:

In this unit students will use statistical investigative questions to learn more about their class. Students will have the opportunity to collect, analyze and display data through picture and bar graphs. Throughout this unit, students will extend their understanding of the value of numbers to 100 by representing, ordering, and comparing. Students will demonstrate an understanding of counting sequences. Students will solve problems involving addition and subtraction within 100 using strategies based on place value, including decomposing a ten, the properties of operations, relationship between addition and subtraction, and part-whole strategies. Students will begin to develop fluency using mental math and strategies.

Learning Targets:

In Unit 1, students will:

- Get to know themselves as math learners through statistical investigation activities.
- Work with categorical data by organizing, representing, analyzing, and interpreting data.
- Experience posing questions with 4 possible responses and then work with the data they collect.
- Strengthen their understanding of place value, addition, and subtraction up to 1,000 through meaningful tasks, number talks, and number sense routines.

Key Vocabulary: (linked to GA DOE Interactive Glossary)

Bar Graph	Base Ten Model	Category Title	Compare	Compose
Data	Decompose	Difference	Digit	Estimate
Equal =	Expanded form	Flat	Greater Than >	Less Than <
Models	Number Line	Number Names	Numerical Patterns	Part-Whole Strategies
Patterns	Picture Graph	Place Value	Represent	Rod
Scale	Skip Count	Sum	Three-Digit Numbers	Two-Digit Numbers
Units				

Supporting Resources:

http://ctlslearn.cobbk12.org/

https://gavirtual.instructure.com/courses/34720#modules

Skip Counting

Who Has More? Game

Adding Numbers to 20

Cats, Cows, Dogs, Horses-Graphing Practice