MATH TODAY

3rd Grade Math

Module 6: Collecting and Displaying Data

Math Parent Letter

This document is created to give parents and students a better understanding of the math concepts found in the Engage New York material which is taught in the classroom. Module 6 of Engage New York covers Collecting and Displaying Data. This newsletter will discuss Module 6, Topic A.

Topic A. Generate and Analyze Categorical Data

Vocabulary Words

- Scale
- Bar Graph
- Survey
- Data
- Scaled Graph
- Line Plot

Scale	the relationship between the units you are using and their representation on the graph; the distance between marks
Bar Graph	a graph generated from data with bars used to represent a quantity
Survey	collecting data by asking questions and recording responses
Data	information
Scaled Graph	a graph in which the scale uses units with a value greater than 1
Line Plot	the display of data on a horizontal line

Home and School Connection Activities:

* Generate and organize data.

* Share and discuss tables and graphs found in newspapers and magazines.
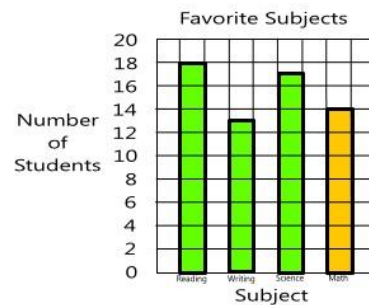
Focus Area– Topic A

Generate and Analyze Categorical Data

Students will have to collect data and create a bar graph using the data collected. They will learn how to understand a table and create a bar graph from that information.

This table shows the favorite subjects for 62 fourth-graders at Greene Elementary. How many students selected Math as their favorite subject?

Favorite Subjects	
Subject	**Number of Students**
Reading	18
Writing	13
Science	17
Math	?

Use the table to color the bar graph.

Students will transfer the data from the table and create the bar graph.

Students will look at the table and bar graph to answer questions about the data.

How many students voted for Math?   **14 students**

How many more students preferred Reading than Science? **1 more student**

Which gets more votes, combining Reading and Writing or Science and Math? Show your work.

Reading/Writing   **18 + 13 = 31**

Math/Science **17 + 14 = 31**

31 = 31; They have the same amount.