

# Data Management

## Curriculum Expectations

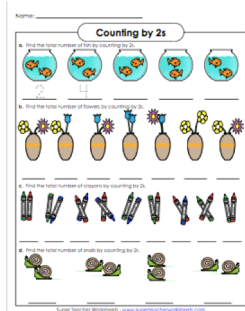
- demonstrate an ability to organize objects into categories by sorting and classifying objects using one attribute and by describing informal sorting experiences
- collect and organize primary data that is categorical (i.e., that can be organized into categories based on qualities such as colour or hobby), and display the data using one-to-one correspondence, prepared templates of concrete graphs and pictographs (with titles and labels), and a variety of recording methods
- read primary data presented in concrete graphs and pictographs, and describe the data using comparative language
- pose and answer questions about collected data

## Unit Description

Students will be introduced to the basic elements of data management. Students will be practice first by organising data and inputting data on a graph. Students will learn the importance of the x and y-axis, and will later create their own graphs to interpret. Students will use terminology such as more than and less than to describe the graphs presented in class, and will continue their journey as scientist through investigation, observation and interpretation.

## Intro Activities

- Skip counting
- Tally Marks



Fruit Tally

Count the fruit. As you count, cross off each fruit in the picture and add a tally mark to the chart. When you're done, write the total number of each fruit.

Fruit	Tally Marks	Total
Pears		
Apples		
Bananas		
Oranges		

- Identify, record, collect, input, interpret and present

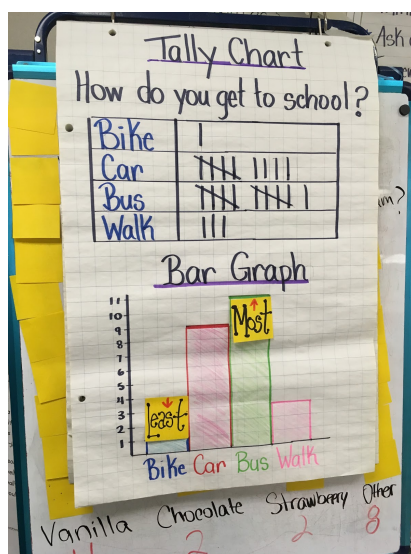
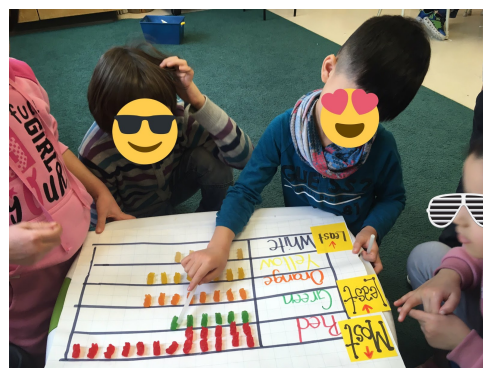
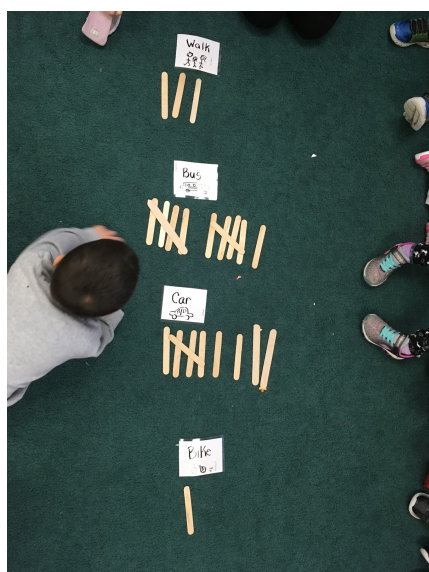
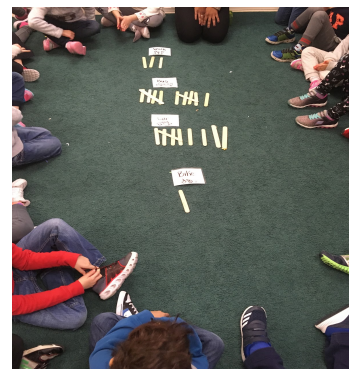
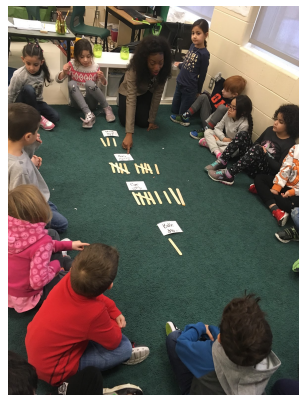
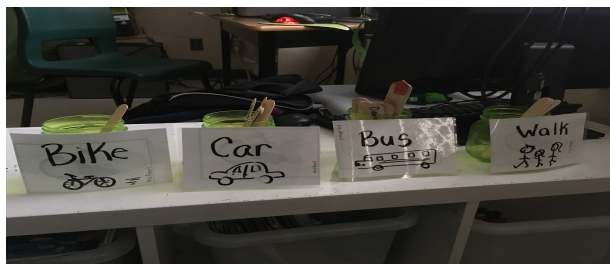
## Guiding Questions

How can we collect information?  
How do we organise and read a table?



# Data Management

## Snapshot



**Assessment of-** diagnostic, data collecting, can students analyze the data? Which group has more/less?

**Assessment as-** Think pair and share, how much more students walk than bike?

**Assessment for/of** - Student created their own chart using various information on a worksheet.

**Accommodations-** work with a friend-collaboratively, different forms of data collection.