Science Virtual Learning

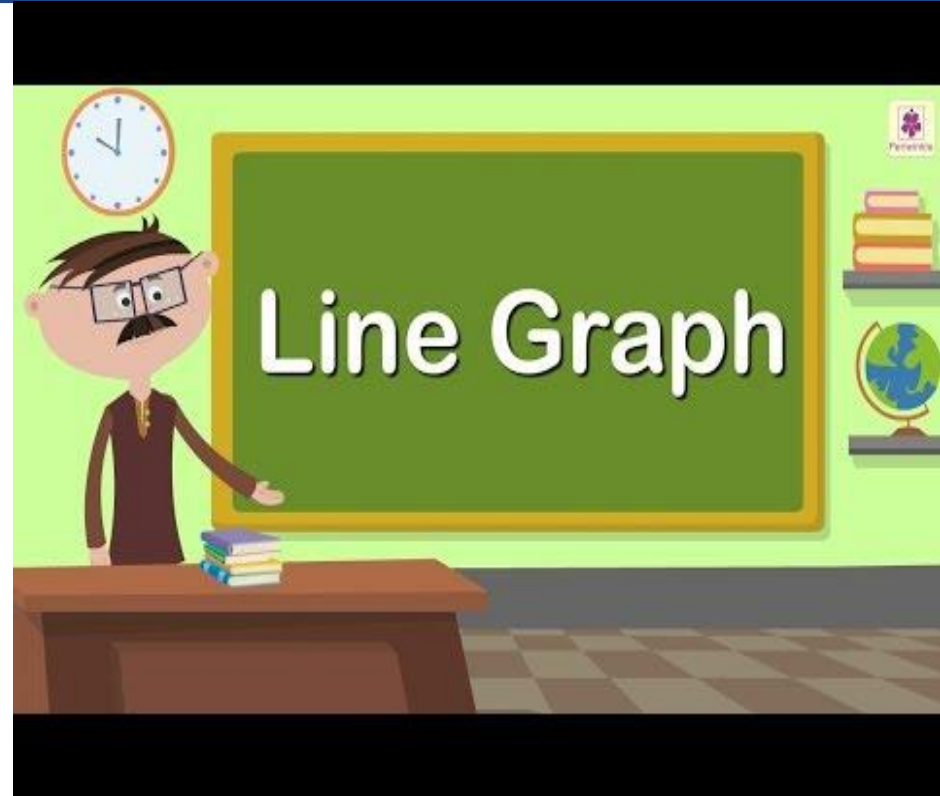# 8th Grade Science Graphing

May 22, 2020

8th Grade Science
Lesson: May 22, 2020

Objective/Learning Target:
I can identify parts of an accurate graph as well as create an accurate graph.

1. Watch this video over line graphs.
2. Answer these 3 questions:
   a. What is the purpose of a title?
   b. What goes on the X or horizontal axis?
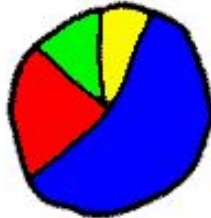   c. What goes on the Y or vertical axis?

1. Use this worksheet to match the descriptions to the correct parts of the graph. Check your answers here!
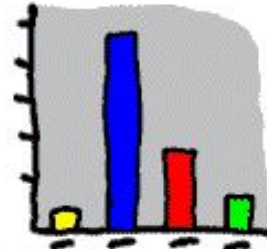
Graph Types

PIE GRAPHS
What portion of the total does each part make up?
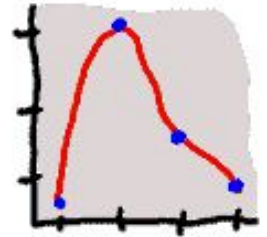
"like pieces of a pie"

BAR GRAPHS
How different are these variables to each other?

"like stacks of coins"

LINE GRAPHS
How does this one variable change over time?

"like turns in a road"

Link to make image larger.

1. Watch [this video](#) to remember how to make a bar graph.
2. Use [this link](#) to practice reading a simple bar graph (click on link for worksheet and answer key to check)
3. 3. Use [this link](#) to practice making a simple bar graph (click on link for worksheet and check answers at the end of this lesson)

1. Read this information about how to make a line graph
2. Create a Double Line Graph and answer the questions using this information
3. Check your answers here

1. Click on [this link](#) to practice creating two more bar graphs.

    a. Answers will be included on the next slide.

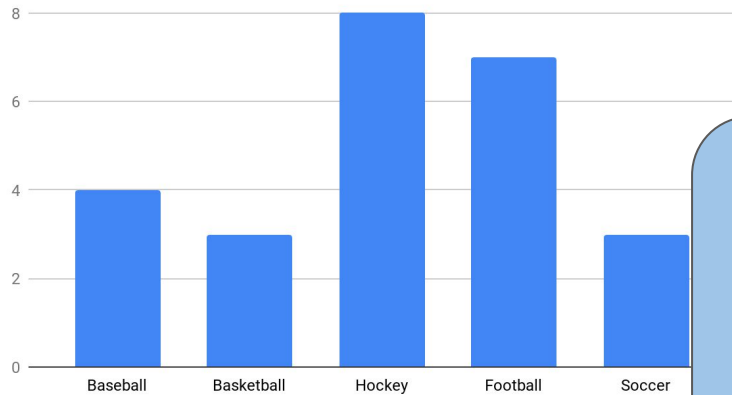2. Play [this Quizziz](#) at least 3 times to practice graphing vocabulary.

1. Bellwork:
   a. The title shows what is being represented or graphed
   b. The different time periods or the names of things being compared
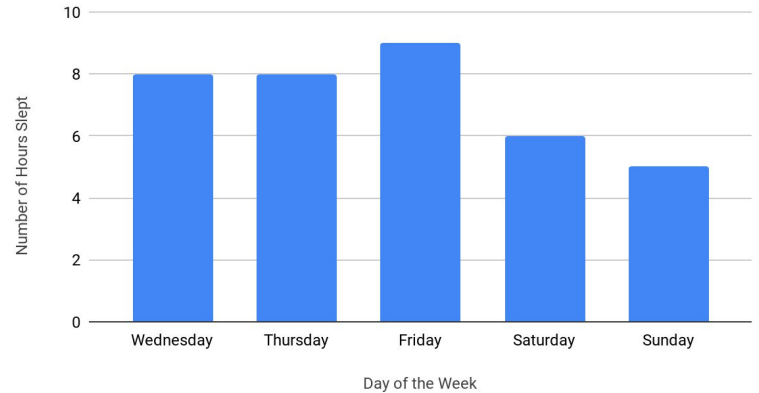   c. The measurement of the graph usually in equal measurements.
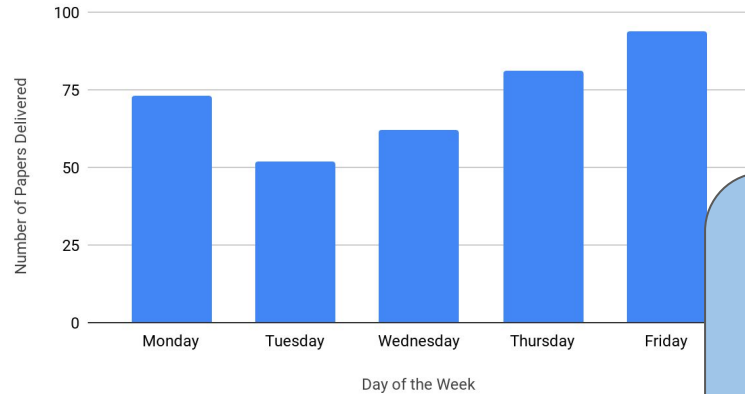
My Class's Favorite Sports

Number of Hours Slept vs. Day of the Week

Click mouse over upper right corner, click down arrow & click "open source" to zoom in.

Answers

Number of Papers Delivered vs. Day of the Week

Favorite Ice Cream Flavor of Students

Click mouse over upper right corner, click down arrow & click "open source" to zoom in.