

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Data Jam Graphing Brainstorm Worksheet

### Step 1: Priming your brain

1. What is your topic?
2. Make a list of things that you know about your topic, and questions you have about your topic.

Things I know	Questions I have



### Step 3: Preparing to graph your dataset

4. Take a look at your data. What is your independent variable(s)? (AKA the thing the scientists manipulated.)

*The independent variable(s) is (are):* \_\_\_\_\_  
\_\_\_\_\_

5. What is your dependent variable(s)? (AKA the thing the scientists measured.)

*The dependent variable(s) is (are):* \_\_\_\_\_  
\_\_\_\_\_

6. Which type of graph do you think would be best for your dataset? Why? (Hint: If you're not sure, check out the tutorial from the National Center for Education Statistics. Go to <https://nces.ed.gov/> and search for "What type of graph")

I will use a \_\_\_\_\_ style graph because: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. In the space below, draw a rough sketch of what you think your graph might look like. \*\*\*Start by labeling the axes, and then sketch the data. Give a general shape of the graph, but you don't need to plot each point.

