Helpful Reminders about Making Data Tables and Graphs

Making Data Tables

* Create a title. Usually your title takes this form:

*The effect of (the independent variable) on (the dependent variable).*

* Write the independent variable at the top of the left column and the dependent variable at the top of the right column.
* Draw your table and enter the data.

Making Graphs

* Create a title. Usually your title takes this form:

*The effect of (the independent variable) on (the dependent variable).*

* Decide what type of graph to make according to the type of data.
  + If you are graphing data that occurs over time (seconds, days, months, years, etc), then you will construct a line graph.
  + If you are graphing separate types of things, make a bar graph.
* Write the independent variable along the x-axis (horizontal axis) and the dependent variable along the y-axis (vertical axis).
* Look at the range of numbers that are in your data and decide how much each line on the graph should count in order to use most of the graph while making sure all of your data will fit on the graph.
* Plot your data on the graph.