Foundations 11 Research / Graphing Project

Necessary Goals:
➜ Interpreting a Given graph
➜ Extrapolating / Interpolating from a given graph
➜ Comparison when a graph provides multiple sets of data
➜ Obtaining your own data and creating a digital graph to represent that data

You are to find a graph that is in the news about something that you care about. You can then copy that graph into your paper (make sure you ALWAYS cite your sources) and explain what it means. The impact of the information and why/how it is meaningful to you.

Find another graph (cite your sources - always) that you can use to draw conclusions that are not explicit from viewing that graph. It will be up to you to infer information that is meaningful. You will need to both extrapolate and interpolate. You may find it easier to use a different graph for each (not necessary).

Create a graph that shows more than one data set. You may make up the numbers (just try to be realistic). This is an exercise in making graphs and comparing different things on that same graph - not an exercise in representing reality.

Your final portion will be to research something that has choices. You will need to find the better choice. Make sure that there is not the same answer for all times. For example, Buying a car is cheaper than renting if you need a car everyday. However, if you only need a car for one day - renting may be the best option. You will need to find multiple examples of this in your research. (internet and phone plans are a good place to start). You will then be required to represent that data on a graph. You will need to draw conclusions from that data and explain and justify your conclusions to the class.

This entire project will be weighted the same as a test. It will count as exactly one unit. Ie: one tenth of your entire semester grade.