Graphical Research Project

Preliminary directions

1. Put your first and last names in the header of this document.
2. Put your partner’s name on paper
3. You will both use the EBSCO host site to find scientific articles.
4. You will then decide which of the partner’s paper you will use to analyze.

To conduct research

1. Click on the **link** to go to the library website <http://www.teacherweb.com/AZ/sdohs/hubbs/apt1.aspx>
2. Follow the directions given to get to EBSCO host, select Academic Search Premiere and Science Reference Center. Select advanced search to limit the database to articles with graphs and charts.
3. Find two articles, one per person, that contain at least one acceptable graph. Copy and paste the titles below.
   1. Cut and paste your article title below
   2. Cut and paste your article authors below
4. Quickly read through your article.
5. Chose which article you are your partner will analyze together
   1. List the title of the article below
   2. List the names of the chosen articles authors below.
6. When searching for credible research, you must check your sources. Google search one of the authors and list three facts that support their credibility, i.e. where they went to school, what degrees they have, etc.

7. Read through the article carefully and identify the:

Independent variable:

Dependent variable:

Control group (when applicable):

8. Explain in your own words the experiment or study the researchers conducted.

9. Copy and Paste the graph from the article below.

10. Analyze the graph: does the data show a correlation between variables?

11. Does the data support the hypothesis or prediction of the study? Use specific data from the graph to support your claim.

12. What was the conclusion of the study? Summarize, in a brief paragraph, the results of the experiment and their significance for the topic of the study.