**Favorites EXCEL Project  
  
Project Objective: Students will be able to apply Excel skills and concepts by creating a graphing project based on authentic class data and scoring at least 80% on the project rubric.**

**Project Requirements**

1. Choose Favorite Topic
2. Survey friends and family to get results. Should have 5-6 choices and think about including **Other** as a choice.
3. Review and analyze survey data for your topic
4. In Excel, create a data table of your Favorite Topic Data
5. Create a bar or column graph based on your table data.
6. Based on presented lesson, format your Bar Graph as detailed in box at bottom
7. Save project at Bar Graph with you name in you G Drive Portfolio.
8. Now create a Pie Chart based on your table data.
9. Based on presented lesson, format pie chart as detailed in box at bottom
10. Save project at Pie Chart with you name in you G Drive Portfolio.

**Open up a Microsoft Word Document and complete the following questions based on your project data: (Include the question and answer in complete sentence format) Save to your G Drive Portfolio as Excel Project with your name.**

1. What is the total amount of students who participated in this survey?  
2. Based on your charts, which favorite area received the most votes?  
3. Based on your charts, which favorite area received the least votes?  
4. How do Pie Charts and Bar Graphs help us analyze data?  
5. Which type of chart (pie or bar) do you feel best depicts your data? Explain Why.

**Email the completed Bar Graph, Pie Chart and Excel Project questions as an attachment. (3 attachments and 3 grades)**

**Project Due Date:** Thursday, May 4, 2017

**Pie Chart**

**Choose a Pie Chart Layout and include the following:**

* Legend
* Chart Title
* Data Labels

**Format one or more of the following:**

* Lines
* Plot Area
* Pie fill
* Text
* Numbers

**Bar Graph**

**Choose a Bar/Column Graph Layout and include the following:**

* Axis Titles
* Legend
* Graph Title
* Data Labels

**Format one or more of the following:**

* Grid lines
* Plot Area
* Bar fill
* Text
* Numbers