**Project #3**

**Excel Project**

**October 2014**

1. Collect data
2. Input data into Excel Spreadsheet, perform a linear regression and linear interpolation or extrapolation
3. Answer the following questions (Should be a part of your final display)
   1. What did you do and how did you do it? What were your materials? Be sure to be as specific as possible
   2. What are your independent and dependent variables? Can you use one to help you to predict the other?
   3. What does the equation of your line represent? How did the Excel program come up with the equation? Discuss the linear interpolation or extrapolation that you performed in step 2. How accurate do you think it is? Why? (Make sure to discuss R2)
4. All of this information should be presented in a format so that they can be displayed.