

**Follow the instructions and links on my website.**

**Make sure you grade yourself on the rubric below and turn in with your submission.**

**Data Analysis and Graphs**

| Grade yourself on a scale of 0 - 2 for each item in the yellow column.<br>0 = No Evidence    1 = Some Evidence    2 = Clearly Evident | Student Grade | Teacher Grade |
|---|---------------|---------------|
| Is the chart labeled properly, clearly identifying the data types collected and the units of measurement for each type?               |               |               |
| Has the data been summarized accurately with an average, if appropriate?  |               |               |
| Is the chart neat (computer generated or created with a ruler!) and easy to understand?   |               |               |
| Does the graph have a title and does the title clearly describe what the data is about?   |               |               |
| Is the independent variable on the x-axis and the dependent variable on the y-axis?   |               |               |
| Are the axes properly labelled, accurately describing the data being presented including units of measurement?                        |               |               |
| Does the graph have the proper scale (the correct high and low values on the axes)?   |               |               |
| Is the data plotted accurately on the graph?  |               |               |
| Is the graph neat (computer generated or created with a ruler!) and easy to understand?   |               |               |
| Has proper spelling and grammar (capitalization!) been used?  |               |               |
| Total   | _____/20      | _____/20      |

## Conclusion

| Grade yourself on a scale of 0 - 2 for each item in the yellow column.<br>0 = No Evidence    1 = Some Evidence    2 = Clearly Evident | Student Grade | Teacher Grade |
|---|---------------|---------------|
| Is the conclusion 2 full paragraphs long?   |               |               |
| Does the conclusion state whether the hypothesis was supported or not supported? (Paragraph 1)  |               |               |
| Did the student summarize the results and use it to support the findings? (Paragraph 1)   |               |               |
| Did the student evaluate the experimental procedure, making comments about its success and effectiveness? (Paragraph 2)               |               |               |
| Does the student suggest changes in the experimental procedure and/or possibilities for further study? (Paragraph 2)                  |               |               |
| Did the student use proper spelling and grammar?  |               |               |
| Total   | _____/12      | _____/12      |