**Directions:** While creating the graph, check off each individual part in the 3 or 4 column that you have completed in the rubric to make sure you have **ALL** parts of the graph.

**Rubric for Grading a Graph**

|  |  |  |  |
| --- | --- | --- | --- |
| **1 – well-below expectation** | **2 – nearing expectation** | **3 – meeting expectation** | **4 – exceeding expectation** |
| Displays two or more in the following areas:  \* number scale not even increments or tethered (next) to lines  \* missing several labels and units  \* does not include title, or title is inconsistent with the data being displayed  \* graph is disorganized and does not make use of horizontal and vertical lines provided  \* graph doesn’t start at 0 | Displays two or more in the following areas:  \* missing a label or several units  \* number scale not evenly spaced  \* improper choice of line/bar graph  \* title not descriptive, or does not make sense or include IV and DV  \* number scale not appropriate for the data being graphed  \* one or more data points incorrectly plotted | Displays all of these in the following areas:  \* Includes proper title, number scale, axis labels with units, and correctly plotted data (might be missing a unit,)  \* Numbers are tethered (next) to lines, even increments are utilized  \* proper choice of line/bar graph  \* scale is appropriate for the data to be graphed  \* able to answer *basic* questions about trends/relationships in the data | Displays all of these in the following areas:  \* Not missing any labels or units  \* Includes a title that is descriptive, makes sense, and includes the IV and DV  \* Number scale is appropriate and accurate  \* **Is able to form an opinion or draw conclusions using the graphed data** |

**Standard: Student will be able to demonstrate the understanding of scientific processes.**

**Directions:** While creating the graph, check off each individual part in the 3 or 4 column that you have completed in the rubric to make sure you have **ALL** parts of the graph.

|  |  |  |  |
| --- | --- | --- | --- |
| **1 – well-below expectation** | **2 – nearing expectation** | **3 – meeting expectation** | **4 – exceeding expectation** |
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**Rubric for Grading a Graph**