Design Your Experiment Partner Checklist

**Directions:** Exchange lab reports with someone NOT in your group. Read through their work, looking for any grammatical errors, and using the checklist below to help them correct their report. Feel free to discuss ways in which both of you can improve your reports.

|  |  |
| --- | --- |
| Check Yes or No | Item within Lab Report |
|  | 1. Are all of the blanks filled in?  \*Does the hypothesis make sense, are the variables correct? |
|  | 2. Does the experiment make sense in general, as you read through it? |
|  | 3. Data Table |
|  | \*Did they use a ruler? |
|  | \*Is it in a table format? |
|  | \*Are the units listed (mL of water etc.)? |
|  | \*Does the table have numbers  (quantitative evidence) |
|  | 4. Graph |
|  | \*Did they use a ruler? |
|  | \*Are the x and y axis labeled? With units? |
|  | \*Is there a title? |
|  | \*Is the independent variable on the x axis? |
|  | \*Is the dependent variable on the y axis? |
|  | \*Is the data plotted on the graph? |
|  | 5. Conclusion |
|  | \*Correct length? |
|  | \*Does it answer whether the data matched the hypothesis? |
|  | \*Does it explain any errors made during the experiment, or improvements to the lab? |