Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_ Date:\_\_\_\_\_\_\_

**Draft Lab Report Self Assessment**

**Directions:**

1. **Read the conclusion section of your lab report.**
2. **Check for any spelling or grammatical errors before moving on. Correct errors with a pen or pencil and then complete the following checklist.**
3. **In your lab report, highlight the word or phrase you need to fix if you answered no. Add language that will better answer the question.**

**CONCLUSION EVALUATION**

|  |  |
| --- | --- |
| **Hypothesis and Data** | Yes or No |
| 1. Did you restate your hypothesis and problem question and did you connect it to the concepts addressed in this unit? |  |
| 2. Did you connect the question to the concepts being addressed in this unit? |  |
| 3. Did you state if your hypothesis was supported or refuted? |  |
| 4. Did you refer to your data?  For example, “The amount of product changed by 100 mL which supports my hypothesis.” |  |
|  |  |
| **Validity of Data** |  |
| Did you discuss the how valid your experiment was?   * How confident are you that your data was accurate? |  |
| Did you give two or more reasons why your results may not be valid? |  |
| Did you describe how the lack of validity affected your results?  E.g., After I put sunscreen on, I spilled my soda on my skin, which may have reduced the effectiveness of my sunscreen. |  |
|  |  |
| **Future Investigations or Suggestions for Improvement** |  |
| Did you include ideas for future investigations?   * Future investigations could include new variables, new ways of investigating the problem, or new equipment. * Suggestions for improvement (at least 2 or more) |  |
|  |  |
| **Real World Application** |  |
| Did you relate the investigation to a real world application?   * Must relate to concept to current events, new research, your own life…. |  |

**INTRODUCTION EVALUATION**

|  |  |
| --- | --- |
| Did you discuss the science concept being taught with this lab? |  |
| Did you provide background information that you researched and cited? |  |
| Did you include a purpose for this experiment? |  |
| Is the hypothesis present and in appropriate format? |  |
| Did you include and explain scientific reasoning with your hypothesis? |  |

**MATERIALS AND PROCEDURE EVALUATION**

|  |  |
| --- | --- |
| Did you list all the materials used? |  |
| Did you include a detailed list of the steps used in your procedure? |  |
| Are all possible variables controlled so that they did not affect results? |  |
| Was a control group clearly described? |  |

**RESULTS EVALUATION**

|  |  |
| --- | --- |
| Quantitative Data Table present?   * Check your math (averages) * Labels, units? |  |
| Qualitative Data present?   * Should be detailed |  |
| Graphs   * Title * Axes correctly labelled * Units shown * Correct type of graph? |  |