**Lab Report Form**

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

**Descriptive Title** (1 pt):

**Purpose of the lab** (1 pt):

**Introduction**:

1. Generate a ***scientifically oriented* question (**1 pt):

2. Pose a ***testable hypothesis*** (if applicable**,** use **if/then/because** statement format) (1 pt):

**Methodology (materials & statistical method used) (**1 pt):

3. Design the procedure for the investigation if procedure is NOT provided. **Note**: **Be descriptive so that others can replicate it**:

1. Identify (if applicable) (2 pts):
   1. **Dependent variable**(s):
   2. **Independent variable**:
2. Identify/describe the following (if applicable) (1 pts):
   1. **Constants**:
   2. **Replication**:
   3. **Sample size**:
   4. **Control(s)** (positive, negative, or baseline):

**Results:**

6*.* Create data table and diagram to organize the data collected from the investigation. Label title, columns, rows, axes, & units.

**Note**: ***If the space provided is insufficient use a separate sheet and attach it to this report.***

Data Table (1 pt):

Diagram (1 pt):

**Conclusion**:

7. **Explain** if your hypothesis was supported or not supported**. Use quantitative evidence** from the data obtained from the experiment to **justify** your conclusion: (**2 pts**)

**Discussion**:

1. Provide at least **three** experimental errors, limitations, or flaws in the experiment: (**1 pt**)

a.

b.

c.

1. Also, indicate **three** improvements that could be made to the experiment. (**1 pt**)

a.

b.

c.