**Lab Report Format**

**Name Date Title 5pts**

**Purpose/Problem**  **(in statement form)** 10pts

Why are we doing the lab?

What questions are you trying to answer?

**Hypothesis**  ("If\_\_\_\_ then\_\_\_\_" format) 10pts

What do you expect the results to be?

This should relate directly to the problem

This includes an independent and a dependent variable

**Materials**  5pts

**Procedure**  10pts

Steps should be listed and numbered

Steps should be clearly written, detailed, and brief

It must indicate HOW data will be taken

This should include a control group & an experimental group

Be sure this is controlled

**Data /Observations 10-20pts**

Must be in the form of a table or a sketch (determined by the procedure)

Be sure to label sketches and/or use units

Data should match the data collection outlined in the procedure

**Calculations/Analysis**  **20pts**

A graph may be needed

What type of graph?

Use a line graph if the data is not continuous (example the height of individual trees)

Use a bar graph is the data is related (growth of a single tree over a period of time)

Any calculations including formula ( This could also be in a table format)

**Conclusion 20pts**

**Background Information            (Usually provided by the teacher)**

**Information that is necessary to make an educated guess**

A good conclusion answers 3 questions:

**What did you do in the lab?**

**Restate the purpose/problem**

**A brief description of how you tested it**

What you used to gather data

**What does your data say?**

Look at your data table or sketch and turn it into a sentence or two.

Be sure to include both the control & experimental groups.

**What did you learn?**

This should answer the question posed in the purpose/problem.

Include answers to any post lab questions that may be provided! This is in PARAGRAPH FORM!!!!

REFERENCES

See APA format. (LINK on Website)