**Insulation Lab Report**

Procedure:

Materials List:

- Does your material list include everything you used- your materials + any provided by teacher?

Research Page

-You should insert the research page here. Make sure it has URL’s so that the sites are listed.

Purpose:

Hypothesis:

- do you have a clear purpose associated with lab goal and strong predictive hypothesis?

Procedure:

Experimental Steps:

-A detailed description of each step. Include instructions that allow repeating the experiment + how you did each trial.

Title

8TH Science

2010

Name

- does it have a logical title?

Conclusion:

-does your conclusion include a detailed response to all ideas listed in the handout?

Results:

Graph #1



- should include all 3-4 samples on the same graph. Done **by hand** on **graph paper or in EXCEL.**

Results:

Data Table #1

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

- should include all trials for **each** insulator sampleand averages where appropriate.

Apparatus Diagram:

A clearly drawn image with a labeled visual that follows your experimental steps and allow a person to repeat your procedure and includes all of your samples or trials

Experimental set up:

List the variables; independent, dependent and control.

Discussion:

-does this section include a well explained discussion both parts described in the handout?