**Notes from Mrs. Hilliard**

**Pelase check this document often. I will update it with notes after I grade each section**

**Review of Literature**

If you did not use, discus, define, or hint at the following terms in your paper

You got issues! Remember your reader should feel that they have been educated on the topics of specific heat and linear thermal expansion. This education will enable them to understand your paper.

**Terms to use**

Enthalpy

Exothermic

Endothermic

Isolated system

Calorimetry

Calorimeter

Equilibrium

Kinetic Molecular Theory

First Law of Thermo

**Terms You may be using improperly**

Accuracy vs. precision

Calorie instead of **Joule**

**Citations**

I either see too little or not enough BE CARFULL of plagiarism!!!!

**Formatting**

Equations are not figures!

Don’t use an acronym or variable without telling the reader what is stands for.

**Problem Statement**

We are determining if your unknown metal is the same as the known metal or not. (period!)

**Hypothesis**

We will use percent errors here. You need to determine what the value is by looking at a table of specific heats and coefficients of linear thermal expansion and determine your percent(s) from there.

**Data Measured**

You need to tell the reader every piece of data they need to collect to solve for specific heat and the coefficient of linear thermal expansion with units!

When I do this section I write my equations down and use them as a guide.

$$∆L= αL\_{i }\* ∆T $$

