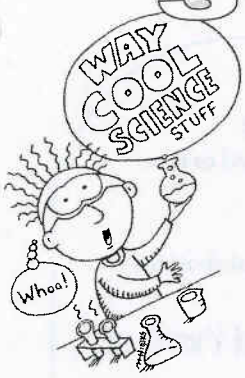
SCIENCE BUDDIES
Lab Report



Name:

Partner(s):

Date: For which month?

Lab Title:

Question

Does kinetic energy (heat) conduct differently in different materials?

Background

I know that...

- *
- *
- *
- *

Hypothesis: "If _____[I do this]_____, then _____[this]_____ will happen."

If I apply heat to two different metals, the heat will/will not conduct the same.

Test: Keep notes of constants, variables, observations, use diagrams. Basically, record everything.

constant = heat applied to metals in the same way.
variable = type of metals used
constant = metals are given same amount of time to conduct heat

observations=

A= aluminum
S = steel

Analyze: Does your data support your hypothesis? If true, write an explanation with supporting evidences. If false, write your statement with evidences and construct a theory on what happened or new learning or what you could do to change the experiment.

If your lab has questions, answer them here or on loose leaf paper. Answers must be thorough, not short for space purposes.

The data does/ does not support the hypothesis.

Explain =

Presentation: If you had to present the data to a group of scientists, what format(s) would you use? Explain and draw a model.