


Scientific Writeup for Penny Experiment
Due - Thursday / Nov 21

- Cover Title /name /class/team.
- Inside
 - State your Problem or Testable Question.
 - State your Hypothesis.
 - explain the rationale for your hypothesis.
 - Identify your materials and equipment.
 - State/show your collected data
(on data table) (GRAPH)
 - What are the limitations of your data
 - Is your data reliable? Why or Why not?
 - How does your data compare with the data from other teams?
 - Write a detailed procedure for your experimentation (you can include diagrams)
 - Follow a step-by-step order
 - accounts for the interaction of relevant variables
 - tests your hypothesis.

over 

— Explain all variables you tried to control
controlled variables

Explain the variables in the experiment that you changed on purpose (cause)
independent variables

Explain the dependent variable in your experiment (effect)

— Write a testable question (new problem) for an experiment that you could do that would help you identify a particular variable from your experiment. Testing this variable would allow everyone to see what effect it has on the overall experiment.

— Come to a conclusion about your work.

- support your claim
- write a rule for your experiment.

— What did you learn because you did this work?

- proof of learning.
- include surface tension

— Back Cover