

Penny Boat Write Up

Integrated Science
Scientific Inquiry or The Scientific Method

Name _____
Per. _____ Date _____

Objective: Use the steps of Scientific Inquiry to solve ~~any question~~ ^{the Penny Boat Experiment} that you have.

1. Problem or Question: *What boat design will hold the most weight?*

2. Hypothesis:

3. Designing the Experiment or Procedure:

A. manipulated or independent variable (what you are testing—the variable purposely changed)

B. responding variable: (the variable that changes in response to the manipulated variable)

C. controlling variables: (items that you want to keep the same among tests)

4. Collecting and Interpreting data:

5. Conclusion: My hypothesis was _____,

6. How will you communicate your results?

