

Name _____ Date _____

BOat AFloat EXPERIMENT

EQ: How do you use the scientific method when conducting experiments?

The scientific method is very important when conducting experiments because it helps guide you in discovering the things you want to know. We will use the steps of the scientific method to help us conduct this experiment today.

Question: What type of tin foil boat will hold the most pennies before sinking?

draw a picture of your boat:

My *hypothesis* is that _____.

Procedure/Experiment:

1. Build 3 tin foil boats.
2. Put Boat 1 on top of the water.
3. Add 1 penny at a time until boat 1 sinks. (Make sure to keep count of how many pennies you added to the boat!)
4. Record the number of pennies boat 1 held in the data table below.
5. Repeat steps 2-4 two more times for boat 2 and boat 3.

Results:

Boat 1	Boat 2	Boat 3

Conclusions:

I learned that _____.

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