**Float Your Boat Challenge**

By: (First & Last Name)

Group Members:

Science 10 Block \_C\_

**Problem:**

**Hypothesis:** Use an “If… (*independent variable*) then… (*dependent variable*) because” statement.

**If the marshmallows effect the buoyancy, then the boat will hold the greatest amount of pennies because the marshmallows are buoyant.**

**Observations:**

*Insert 3 pictures of the boat design and label them*

1. *Top view*
2. *Bottom view*
3. *Picture during the challenge*

**Results and Conclusions:**

The boat held… 80 pennies

The original thinking and reasoning behind the design was… bowl shaped and the buoyancy at the bottom with the taped marshmallows.

If the following challenge was repeated, to improve the boat design, the following changes would be made to make it bowl shaped….because…. it started to tip over.

Upload this document to your Edublog and Tag your post “floatyourboatdurandsc10blk\_” add your block letter “C or D”