



ENGINEERING DESIGN PROCESS

When Will My Boat Sink?



1. Title of Experiment

2. Hypothesis (How many pennies can my boat hold before it sinks?)

3. Draw a Picture of your Design (Sketch a design of your boat.)

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4. Data Collection/Observations (Draw a picture of what your finished boat looks like.)

5. Results (Record one tally mark for each penny that your boat holds before sinking.)

6. Analysis/Answer Questions

How did your hypothesis compare to the actual number of pennies that your boat held?

Which material was the best at keeping the water from getting in and sinking your boat?

If you built your boat again, what would you change to make it better? Why?