



Buoyancy: Sink or Float?

Object	Prediction	Sink or Float?

Boat Design Plan:

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Prediction: I think the _____ boat will hold more pennies because

Results:

	#ofPennies
Boat 1	
Boat 2	

Things to think about:

How many pennies was each boat able to hold?

Did it matter how or where you placed the pennies?

What shape worked the best?

What could you change to make your boat hold more weight?

Did your boat tip over before it sank? If so, what changes could you make to change this?

Why do the pennies float when placed in the boat, but sink when placed directly into the water?

Challenge:

*Using another piece of foil, can you improve your design to hold even more pennies?