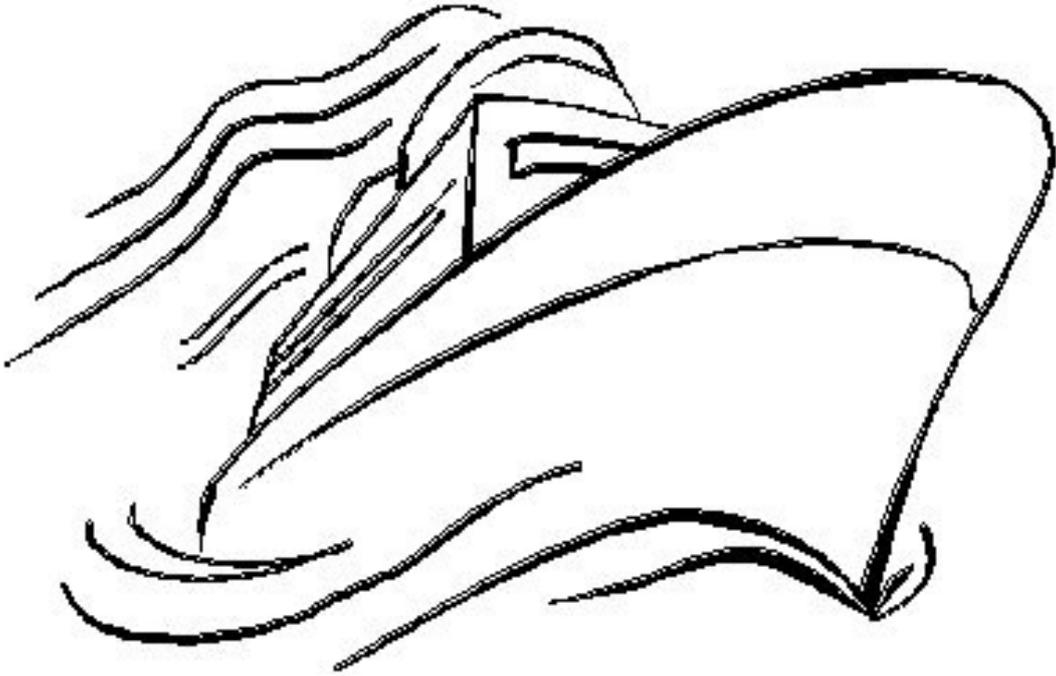


# Penny Boat Challenge



Can the shape of a boat affect the amount of buoyancy it has?

Key Words:

Float

Sink

Buoyancy

What is buoyancy?

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Which scientist discovered the law of buoyancy?

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## Penny Boat Challenge

How many pennies can your boat hold before it sinks?

### Experiment

What I need:

- 
- 
- 
- 

What I will do:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

Trial 1	Trial 2
Prediction: number of pennies _____	Prediction: number of pennies _____
Sketch	Sketch
Actual number of pennies _____	Actual number of pennies _____

### Conclusion:

What worked? What didn't work? What would you change if you did it again?

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