

Name: \_\_\_\_\_

5 \_\_\_\_

Date: \_\_\_\_\_

## Buoyancy...does it sink or float?

Test each object and then place a check mark under the correct column to indicate if the object sinks, floats, or is in the middle.

<b>Object</b>	<b>Sink (negative buoyancy)</b>	<b>Float (positive buoyancy)</b>	<b>In the middle (neutral buoyancy)</b>
Empty canister with top on			
Canister filled with water			
Canister half filled with water			
Canister with cotton ball			
Canister with beans			
Beans			
Canister with pebbles			
Wood block			
Styrofoam ball			
Rock			

Bonus! Try to construct your own boat using a notecard and tape that floats. Next, make it sink.

Why do you think that some objects sink and others float? \_\_\_\_\_

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