

Buoyancy Science Tests

Here are fun science experiments you can do at home to test what floats!

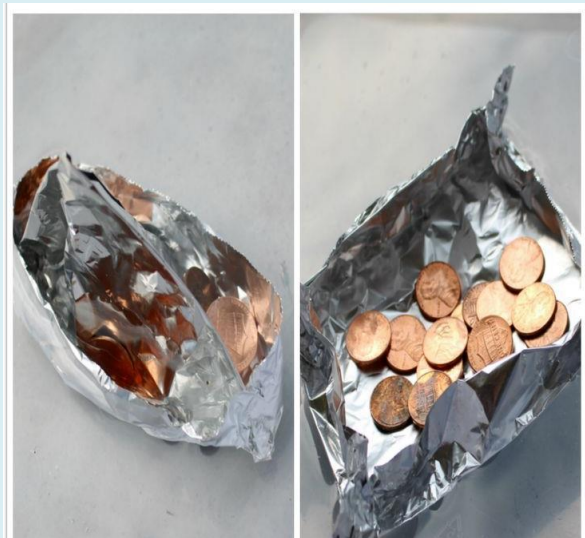
Sink or Float Test

- 1: Fill a tub, sink or bucket with water.
- 2: Grab random objects from around your home. Toys, office or craft supplies, anything you want to test and can get wet.
- 3: List the objects on a sheet of paper add two columns one that says sink and the other float.
- 4: One by one pick up the objects, guess if you think they will float or sink and drop them in the water to see if you were right and it write down.



Tin Foil Boat

- 1: Grab a few pieces of tin foil
- 2: Fold up the sides to make a boat any shape you like
- 3: Place on top of water in a tub or sink.
- 4: Slowly add coins, small stones, marbles till your boat starts to sink
- 5: Experiment with different sizes and shapes of boats and see how much weight it can hold.



Salt Water Test

1: Grab two cups and fill them with water.

2: Add 6 tablespoons of salt to one of the cups and mix with a spoon until the salt dissolves.

3: Grab an object to drop into each glass. You can use an egg, small marbles or stones, or other small toys.

4: It should float in the salt water and sink in the regular water. If you need to add more salt to the salt water to make it float.



Thank you for participating! If you want to share what you made you can send to education@americanswedish.org