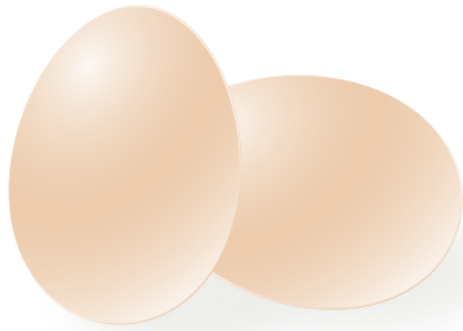


Salt-Water Egg Experiment. Will the egg float or sink?



For the Salt Water Egg experiment you will need the following materials:

- Table salt
- Two tall glasses (or large cups)
- Tablespoon
- Tap water
- Two raw eggs

1. Fill the two glasses with tap water.
2. Add 6 tablespoons of salt in one glass and stir it well with a tablespoon until the salt has completely dissolved in the water.

Make a prediction: What will happen to each egg when you drop it into the water?

3. Place one egg in each of the containers and observe which egg floats, and which one sinks.

Write down your observation:

When I put the egg in fresh water, it _____.

When I put the egg in the salt water, it _____.

So... this means that if you go swimming in an ocean it will be easier to _____ than if you swim in a swimming pool.

Why is this?

DENSITY! In the Salt Water Egg experiment, you have observed that the egg placed in saltwater floated and the one in tap water didn't. Because saltwater is denser than fresh water, the egg does not end up sinking like it usually does!