

School-gen Egg-speriment 3.

Floating Eggs



What you will need:

- 2 Tall glass jars
- 2 Eggs
- 5 Tablespoons of regular table salt
- Water

The egg-speriment:

1. Fill one glass jar with 2 cups of tap water
2. Fill the other glass jar with 2 cups of warm water and stir in the salt until it has all dissolved.
3. Gently place an egg in each glass.
4. Watch what happens.....

An egg is denser than water and so sinks but salt water is denser than fresh water. When salt is added and dissolves it breaks down into ions that are then attracted to the water molecules. This attraction causes them to bind tightly and now there are more particles in the water compared to fresh. The egg is now pushing on a denser liquid and so does not sink.

Think about this.... What's the difference between floating in a pool or at the beach???

Thanks to <https://greensborosciencecenter.wordpress.com/author/greensborosciencecenter/>