

Floating Egg Experiment

- Clear glass
- Egg
- Salt
- Spoon



Pour each glass half full of water.

Then add 10 teaspoons of salt to one of the glasses. (Don't put any salt in the other glass of water.)



Like so.



When you place an egg into the glass that didn't have salt in it, the egg sank right to the bottom like normal.



But when you add an egg to the glass filled with salty water, it floated right to the top. Try to push it down and watch it pop right back up!

And that's how salinity works! Salty water is denser (heavier) than plain water. So heavy, in fact, that it can support the weight of heavier objects like an egg.