

Floating Egg

The Science Behind the Experiment – A Guide for Adults

Objects float better in salt water than in fresh water because salt adds mass to water and makes it denser. If you add 10g of salt to 100g of water, the total mass is now 110g. This increase in density causes objects to float better on the surface. The denser the water, the easier it is for objects to float on top.

To make the egg float it takes approximately 4 tablespoons of salt per litre of water.

Science Experiment

Floating Egg

Can you put the egg into the bowl of water?

What happens?

Stir 1 spoonful of salt into the bowl of water.

Add the egg and see what happens.

How many spoonfuls of salt did you add to make the egg float?