

WILL THE EGG FLOAT?

Materials:

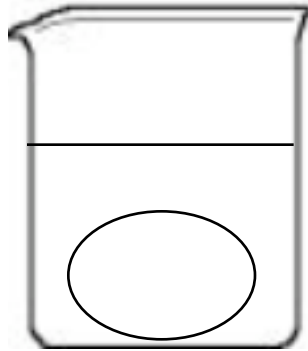
2 beakers of lukewarm water
100 milliliters of salt (or more)
One fresh egg

Before the Demo:

Pour the salt into one of the glasses, and stir it until it has dissolved.

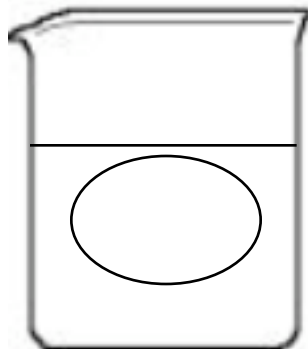
The Demo:

Drop the egg into the unsalted water. (It will sink to the bottom.)



Remove the egg and look sad, pretending the experiment didn't work.

Now put the egg into the salt water. The egg will float.)



Pose this question to the class: **Any ideas as to why this happens?**

List all ideas on the board. When someone talks about different water, or water with something in it, start talking about density of "water" and the difference between ocean and fresh water.

Do the **Salinity Lab** now.