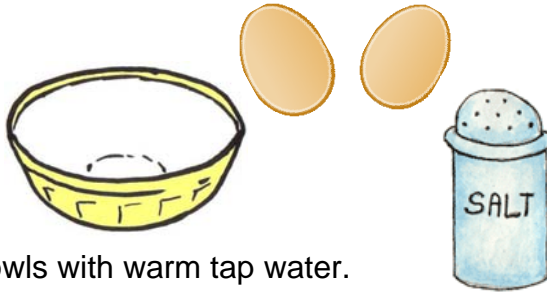


DINO'S DYNAMOS Experiment

Which water will the egg float in?

You will need:

- Table salt
- Two bowls
- A tablespoon
- Warm tap water
- Two eggs



Step 1. Fill both bowls with warm tap water.

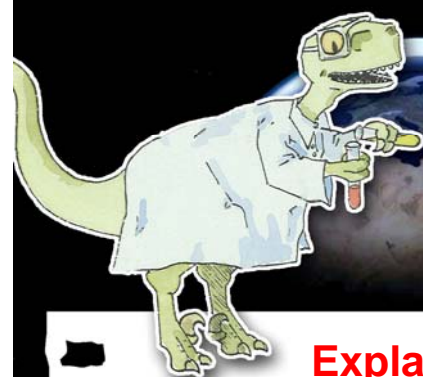
Step 2. Add 6 tablespoons of salt to one of the bowls of water. Stir it really well, until the salt has completely dissolved in the water.

Step 3. Carefully place an egg in each bowl.

Step 4. One egg will float and one will sink.

Which egg floats?.....Do you know why?

FACT! The Dead Sea is really salty - almost ten times saltier than any ocean. All that salt means no fish or plants can live in it, maybe that is why it is called the Dead Sea!



DINO'S DYNAMOS Experiment

Explain the experiment!

Salt water is much denser, and a little heavier than plain tap water. This is because there is salt in it as well as the water. The extra salt means there are more particles in the salt water compared to the fresh water. The extra particles help hold the egg up so it floats. The denser a liquid is, the easier it is for things to float in it!

FACT! All the salt in the Dead Sea makes it less "watery" than in other seas. You won't sink in the Dead Sea because the salt makes the water so dense you bob on the surface like the egg in the bowl.

