

Resources:

Water
Egg
Salt
Coffee/sand
Coffee filter

Lesson 1

Floating Egg Experiment
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?

Lesson 2

Frozen Sea
Can you put the water and plastic sea creatures into the bowl?
Let us put them in the freezer and see what happens.
Now let us get them out. Where is the ice?
Is there any water for the sea creatures to live in?
What would happen to the sea creatures if ice did not float?

KS1 Topic:
Experiments

Week beginning: 22.06.20

Lesson 4

Salt Water Density

Similar to the floating egg experiment. Ask the children to experiment with different objects to explore what happens.
Can you put one egg into the bowl of water?
What happens?
Can you put one egg into the bowl of salt water?
What happens?
What other objects can you test?
What happens?

Lesson 3

How Fish Breathe
Can you pour the water mixture through the filter? Where did the water go? Where did the sand/coffee go?
Which part of the experiment represents the fish's gills?
Which part of the experiment represents the oxygen in the water?
The water washes past the gills and out back into the sea. The oxygen stays with the fish.