

# Frozen Sea

## The Science behind the Experiment – A Guide for Adults

When water freezes into ice it increases in area. This means it become less dense. Ice is less dense than water so it floats on the surface. This allows plants and animals to remain and survive in the liquid water below the ice.



## Science Experiment

### Frozen Sea

Can you put the water and plastic sea creatures into the bowl?

Let's put them and the freezer and see what happens.

Now let's 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 didn't float?