**Ocean in a bottle**

**You will need:**

* A clear plastic bottle with a lid
* Water
* Baby oil or cooking oil
* Blue or green food colouring
* Some small pebbles, shells or plastic fish if you have some.

**What to do**

* ½ fill the bottle with water
* Add a few drops of food colouring – watch the colouring swirl through the water
* Fill the rest of the bottle with oil
* Drop in some small pebbles, shells or plastic fish if they fit in the bottle
* Put the lid on very tightly
* Move your bottle from side to side – can you see the waves inside?
* This happens because the oil floats on top of the water.

**Ocean in a bottle videos:**

<https://www.youtube.com/watch?v=49o2V2TZiow>

<https://www.youtube.com/watch?v=Pcu286G46Ao>

<https://www.youtube.com/watch?v=iHh5bPKYe5c>