

Salty Sea water

What happens when things dissolve?

Find out by doing the following investigation

Working in pairs you will need the following

Beaker, spatula, glass rod, some salt and have access to a balance

Half fill the beaker with water and then measure the mass of the beaker and water.

Mass of beaker and water _____g

Using the balance measure out 10g of salt.

Add the salt to the water in the beaker and stir until all has dissolved

Find the mass of the beaker with the salty water

Mass of beaker with the salty water _____g

Complete the sentences below using some of these words

Salt water particles solvent solution

Solute less than the same as more than

When salt dissolves in water, the water is called the _____ and the salt is called the _____.

Although the salt particles seem to disappear, they must still be there. We know this because the total mass of the beaker and the salt solution is _____ the mass of the beaker, water and salt before they were mixed together.