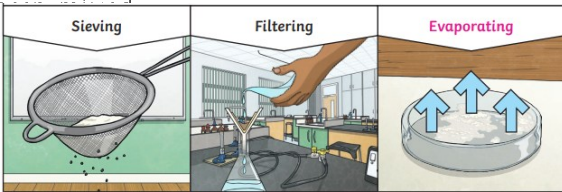


Why are things made from different materials?

dissolve	Solid is incorporated into a liquid	Some substances dissolve in water. It might look like the substance has disappeared, but it has actually mixed with the water to make a transparent (sometimes coloured) liquid. Substances that dissolve in water are so	Mixing water with a soluble substance is a reversible change. This means that we can separate the solute and solvent back to their original states after they have been mixed.
solution	Mixture of liquid and solid		
soluble	Able to be dissolved		
Insoluble	Not able to be dissolved		
solute	A dissolved solid		
solvent	A liquid able to take dissolved solids		
Reversible change	Can return to the original state	An irreversible change occurs when two materials are mixed together and react with one another to create a new substance. This means that the two materials cannot be separated again.	
Irreversible change	Cannot return to the original		
react	New substances are made		
products	New substance made		
properties	Describes the substance		

