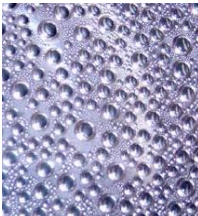
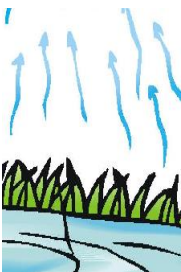


6C MORE ABOUT DISSOLVING

Glossary condensation – the process of change from a gas into a liquid to condense - verb	 A sieve separates materials	 A mixture can be separated in different ways, e.g. sieving	 Condensation	 Powder	solubility – a property of a material describing how well it will dissolve in a liquid solid – one of the three states of matter. Solids keep their shape. Ice is the solid state of water. Solids may be in the form of powders made up of very small particles
dissolve – when a solid becomes part of a liquid	 Some medicines dissolve in water, this means they are soluble. The tablet is the solute	This salad dressing contains solids held in suspension 	Evaporation is a change from liquid to gas 	Separating fine solid particles from a liquid can be done using a filter 	soluble – when a solid dissolves in water it is said to be soluble - opposite - insoluble
evaporation – the process of change from a liquid into a gas to evaporate - verb		 Impurities cause colour in gems.	 A solvent is a liquid in which a solid will dissolve, Solubility is how well it dissolves	A diamond is a pure substance 	solute – the name given to a substance dissolved in a liquid
filter – to separate fine solid particles from a liquid					solution – a liquid that has a solid dissolved in it
impurities – when a pure substance is contaminated with other materials					solvent – a liquid in which a solid will dissolve
liquid – one of the three states of matter. Liquids pour and take on the shape of the container.	 This is a solution of instant coffee and water	 All matter is either in a solid, liquid or gas state			state – All matter exists in one of three states – solid, liquid and gas
melt – to change from a solid into a liquid					suspension – a liquid containing tiny particles of solid that mix with the liquid but do not dissolve
mixture – a composite of different materials that can be separated by filtering, sieving, evaporation etc.					
powder – a solid made up of very small particles					
pure substance – matter that is not a mixture of things					
sieve – to separate coarse solid particles from a liquid					