

Does it Matter?



STICKY KNOWLEDGE

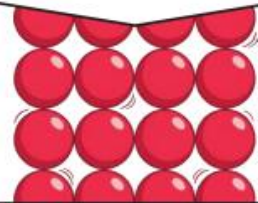
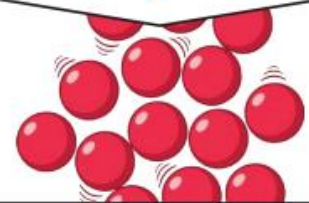

There are 3 states of matter: Solid, Liquid and Gas.	Particles behave in different ways depending on if it is a solid, liquid or gas.	Different foods have different melting points.
Different substances have melting and freezing points. Some substances can go straight from solid to gas or gas to solid.		Liquids change through evaporation and condensation. This is how the water cycle works.

KEY VOCABULARY

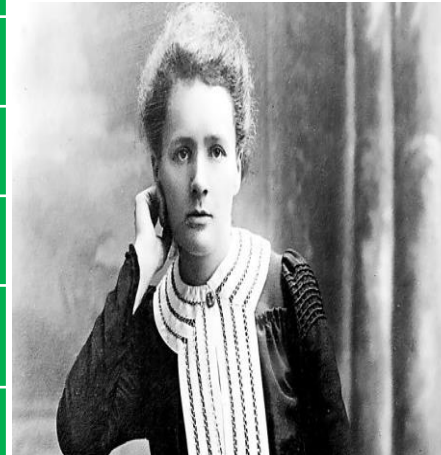
Solid	Particles in a solid are close together
Liquid	Particles in a liquid are close together but can move around easily
Gas	Particles in a gas are spread out and can move around very quickly
Evaporation	The process of turning from liquid into gas
Condensation	The process of turning from a gas into a liquid
Water Cycle	The process by which water circulates between the oceans, air and land.

Key Knowledge

There are three states of matter.

Solid	Liquid	Gas
		
Particles in a solid are close together and cannot move. They can only vibrate.	Particles in a liquid are close together but can move around each other easily.	Particles in a gas are spread out and can move around very quickly in all directions.

Key Scientist: Marie Curie



Marie Curie discovered radioactivity and changed the way scientists understood the atom.

During World War I she built a car that carried X-ray equipment.