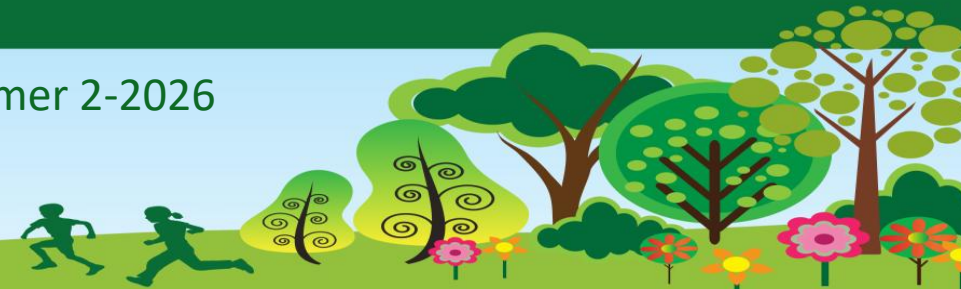
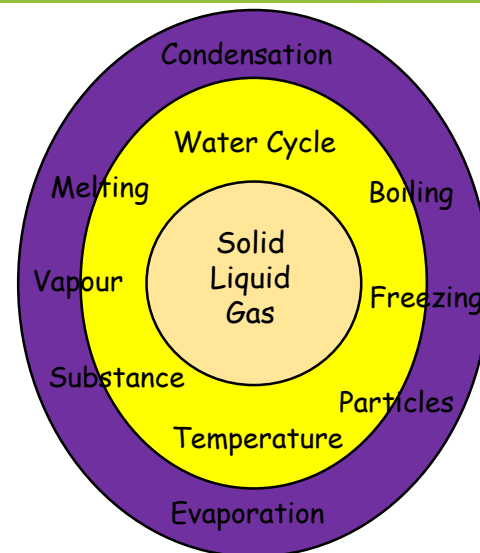


# Does it Matter?

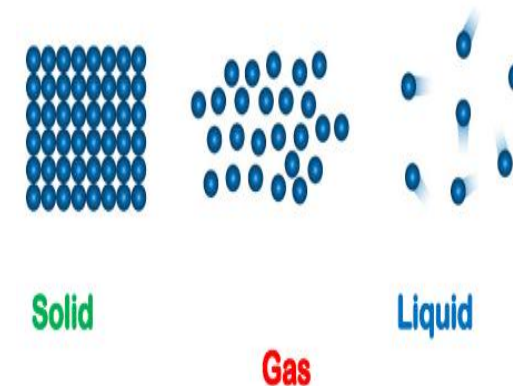


## STICKY KNOWLEDGE

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



## States of Matter:



## 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.

## 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.