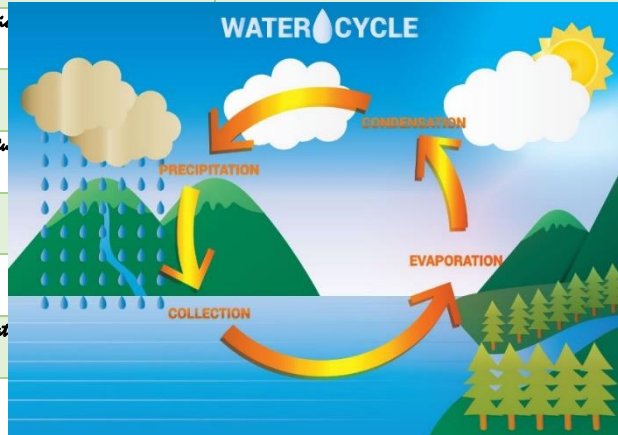
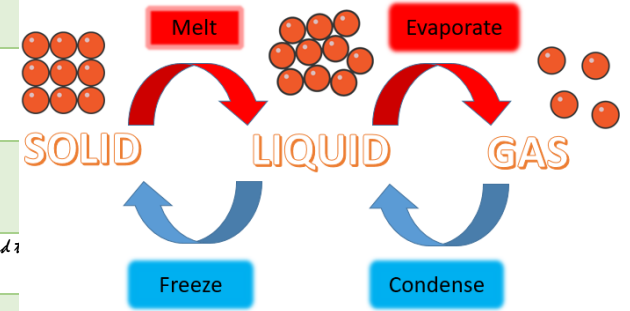


Key Information	
Everything around us is made up of matter.	
Particles are minute (tiny) portions of matter.	
Solids, liquids and gases have particles which are arranged differently.	
Liquids can flow or be poured easily. They are not easy to hold.	
Solids stay in one place and can be held. Solids keep their shape. They do not flow like liquids.	
Gases do not have a fixed shape. They spread out and change their shape and volume to fill up whatever container they are in.	
Materials can change state by cooling them or heating them.	
Different solids melt at different temperatures	
Water on the earth is constantly moving this process is called the water cycle	
The water cycle is the journey water takes as it moves from the land to the sky and back again. It follows a cycle of evaporation, condensation, precipitation and collection.	

Vocabulary	
Property/properties	What a material is like, its qualities e.g.: hard, transparent
Object	An item that can be seen and touched
Particles	A tiny part of something that cannot be seen.
Melting	The process of heating something and changing from a solid to liquid
Condensing	The process of gas cooling and changing to liquid
evaporate	
Freezing	
temperature	
Solid	
Liquids	
precipitation	
Gas	



Key Diagrams



solid	liquid	gas
● rigid	● not rigid	● not rigid
● fixed shape	● no fixed shape	● no fixed shape
● fixed volume	● fixed volume	● no fixed volume
cannot be squashed	cannot be squashed	can be squashed