

Year 4 Science Knowledge Organiser - States of matter

Key Information

Solids keep their shape unless a force is applied to them. They can be hard, soft or even squashy.

Liquids take the shape of the container. They can flow or be poured.

Gases can spread out to completely fill the container or room they are in. They do not have any fixed shape.

Different solids melt at different temperatures.

Water on the earth is constantly moving this process is called the water cycle.

Vocabulary

melt	when a solid changes into a liquid.
freeze	when a liquid changes into a solid.
particles	tiny pieces of matter, everything around us is made up of matter.
water vapour	is a gas. When water is boiled, it evaporates into water vapour.
evaporation	When liquid turns into a gas.
condensation	When gas turns into a liquid.
precipitation	liquid or solid particles that fall from a cloud like rain, snow, sleet or hail.

