

Title: States of Matter

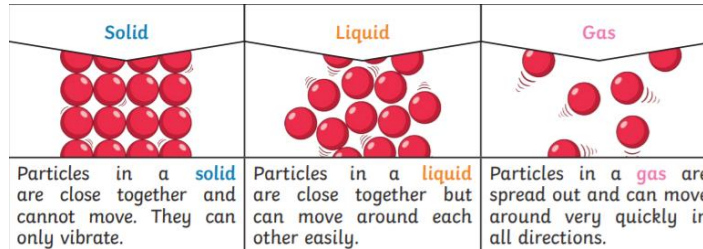
Year Group: 4

Term: Spring

Vocabulary you will know...

States of matter	Matter is what makes up our world. There are three states that matter can be categorised into: Solids, Liquids or Gases.
Particle	A tiny part of matter.
Solid	A material that keep its shape unless force or heat is applied to it.
Liquid	A material that takes the shape of its container. They can flow or be poured.
Gas	Gases spread out to completely fill the container or room they are in. They do not have a fixed shape and can move in all directions.
Water vapour	This is water that takes the form of a gas.
Melting	The process of a heating a solid into a liquid.
Freezing	The process of freezing a liquid into a solid.
Temperature	The measurement to show how hot or cold something is.
Celsius (°C)	The measurement of temperature.
Condensation	The process of a gas turning into a liquid.
Evaporation	The process of a liquid turning into a gas.

Properties of Different States



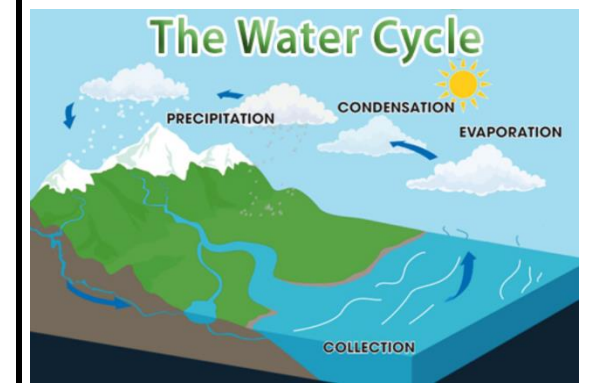
Key Learning

- ✓ Identify and group solids, liquids and gases.
- ✓ Identify and understand properties of liquids.
- ✓ Understand how materials can change state.
- ✓ Identify the different states water can be in.
- ✓ Understand the process of evaporation.
- ✓ Describe and explain the different stages of the water cycle.

Working Scientifically

- ✓ Ask relevant questions.
- ✓ Set up simple practical enquires, comparative and fair tests.
- ✓ Record findings.
- ✓ Report findings and give simple conclusions.

The Water Cycle



Changing State

