

Chemistry: States of Matter



Y3/4 Spring 1

What should I already know?

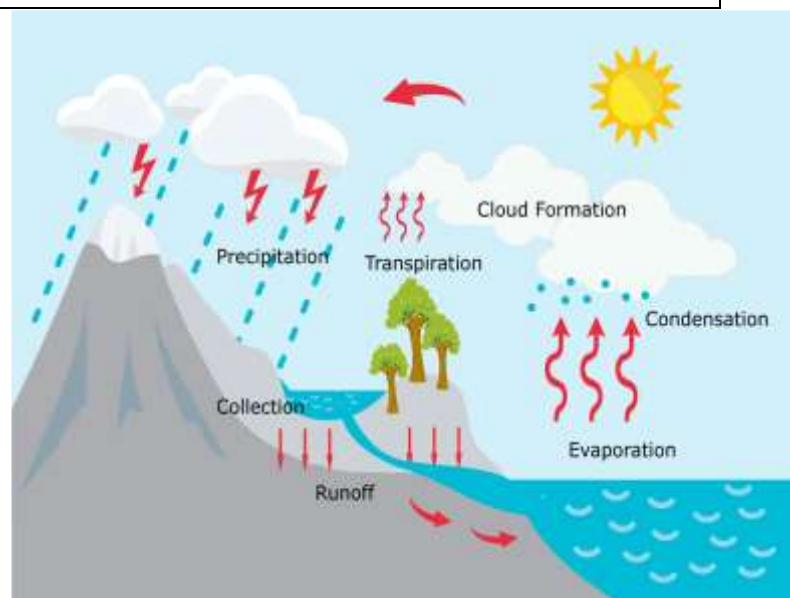
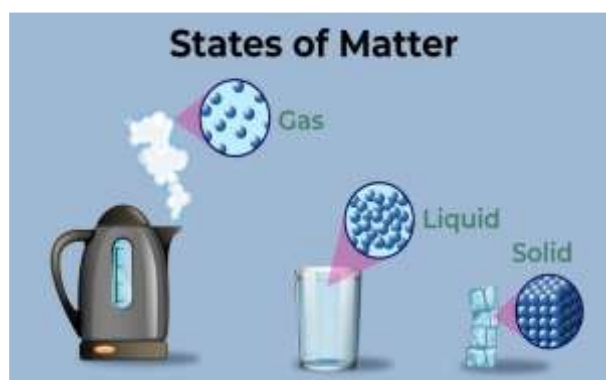
- Things take different forms such as liquids and solids.
- That ice melts or water can be frozen.
- What a temperature is and that a thermometer can be used to show it.

Vocabulary

Solid	Hard or firm, keeping a clear shape.
Liquid	A substance that can be poured.
Gas	A substance that has no fixed shape or volume.

What am I going to learn?

- That there are three states of matter: solid, liquid and gas.
- That some materials change state when they are heated or cooled.
- About the water cycle and the part played by evaporation and condensation in this process.



Enquiry types

Pattern seeking	Fair testing	Research
Observing changes over time	Identifying, grouping and classifying	

Working Scientifically

How does water temperature affect the time it takes an ice cube to melt?



Plan/perform investigations



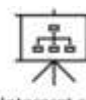
Record and report data



Compare



Ask/ answer questions



Interpret and communicate results