

# Chemistry: States of Matter



Y3/4 Spring 1

## What should I already know?

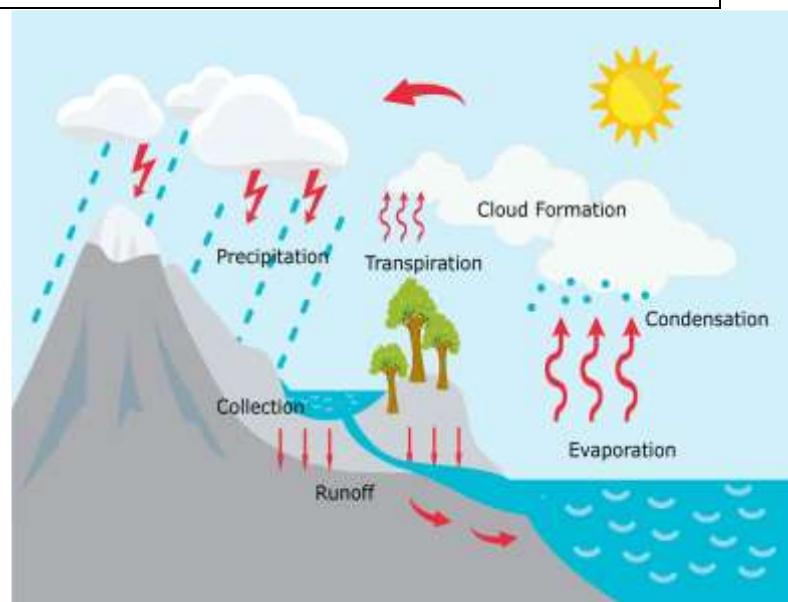
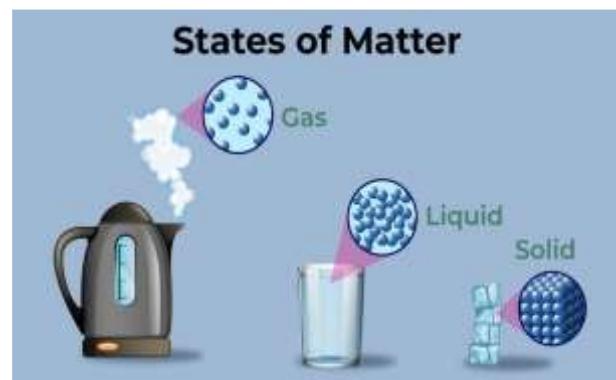
- Things take different forms such as liquids and solids.
- That ice melts or water can be frozen.
- What a temperature is and that a thermometer can be used to show it.

## 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.

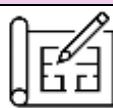


## Enquiry types

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



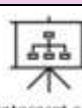
Record and report data



Compare



Ask/ answer questions



Interpret and communicate results