



## KEY WORDS

Learn these words and their definitions.



Key Word	Definition
particle	The tiny pieces of matter that make up everything (including gases).
volume	The amount of space something takes up.
solid	Something which keeps its shape and doesn't change its volume.
liquid	Something which doesn't keep its shape and doesn't change its volume.
gas	Something which doesn't keep its shape and can change its volume.
melting	When a solid is heated and changes into a liquid.
freezing	When a liquid cools down enough to change to a solid.
evaporation	When a liquid is heated and changes slowly into a gas.
water cycle	The journey that water takes from land to ocean to air and back to land.
<b>Spelling words:</b>	Condensation, Dissolving, Temperature, Precipitation

## FUN FACTS

The freezing point of water is 0 degrees.

The boiling point of water is 100 degrees.

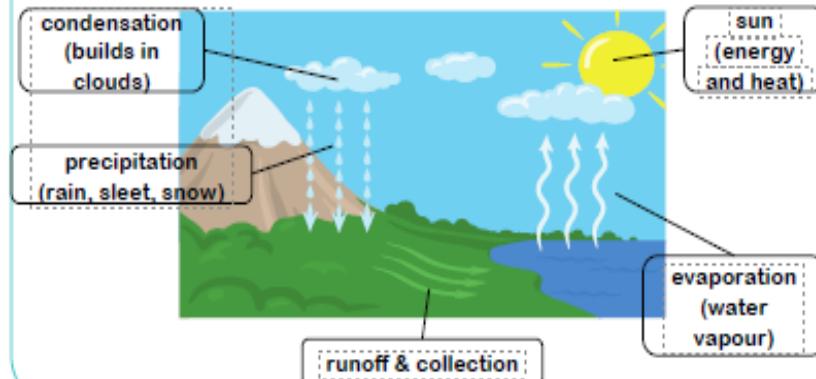
Clouds are a mixture of air (gas), tiny water droplets (liquid), and ice particles (solid).

• Sand is a solid – each individual grain is a solid.

A 'mixture' is something that is physically joined together but can be separated again.

Mixtures can be separated in many ways – such as evaporation, distillation, filtering and absorption.

## The Water Cycle



## What do we already know?

1

We can identify and name a variety of everyday materials including wood and plastic, and describe their properties.

2

We can compare and group together a variety of materials.

3

We can identify and compare the suitability of a variety of materials.

4

We can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

## States of Matter

