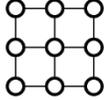


## Science – Y4 – States of Matter



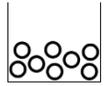
Chemistry

**Chemistry** is the branch of science that studies the properties of matter and how matter interacts with energy.



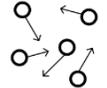
solid

Has a fixed shape and does not take the shape of a container, can be held



liquid

Can be poured and take the shape of a container



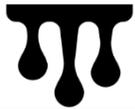
gas

Has no fixed shape.



Freezing

Turn or be turned into ice or another solid as a result of extreme cold



melting

Becoming a liquid by heat



evaporation

If water (liquid) is heated, it changes to water vapour (gas). This change is called evaporation.



condensation

If water vapour (gas) is cooled down, it changes into water (liquid). This change is called condensation.



precipitation

**Precipitation** is water vapour or moisture that falls from the clouds in the form of **rain**, sleet, snow or hail.



water vapour

water in a gas form



water cycle

The water cycle is the continuous journey water takes from the sea, to the sky, to the land and back to the sea



