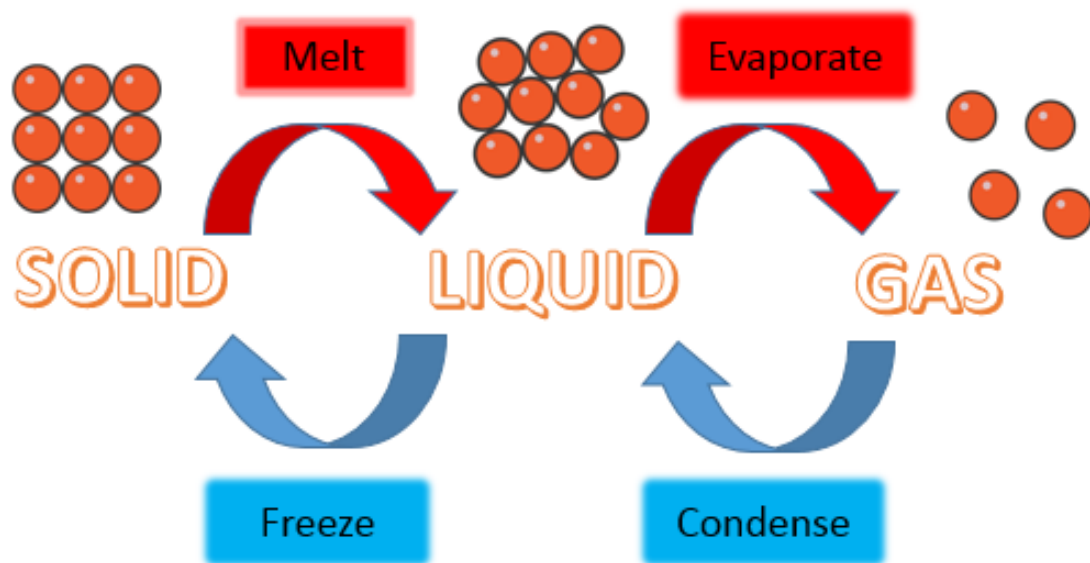




States of Matter

Strand: Chemistry



SOLID	Particles are closely-packed in a regular pattern. Particles vibrate on the spot. Keeps its shape unless a force is applied to it. Remains the same volume.
LIQUID	Particles are close together, but random. Particles can move over each other. Takes the shape of the container it is in. Stays the same volume.
GASES	Particles are spread out. Particles can move about in all directions. Does not keep its shape. Can spread out to fill the space it is in.

Vocabulary

Temperature – how hot or cold something is. Measured in degrees Celsius ($^{\circ}\text{C}$).

Particle – a tiny amount of something. You can't see them with your eyes!

Melting – the process of a solid **heating** and changing into a liquid.

Evaporation – the process of a liquid **heating** and changing into a gas.

Condensation – the process of a gas **cooling** and changing into a liquid.

Freezing – the process of a liquid **cooling** and changing into a solid.

Precipitation – When water or snow fall from a cloud

