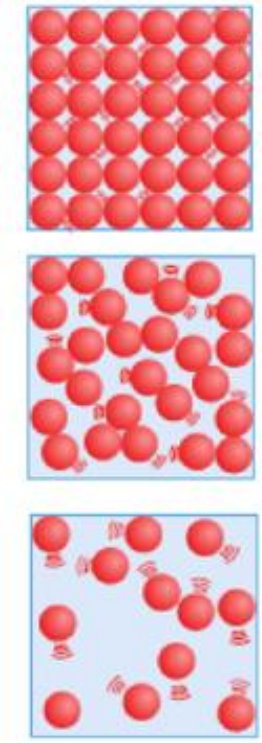
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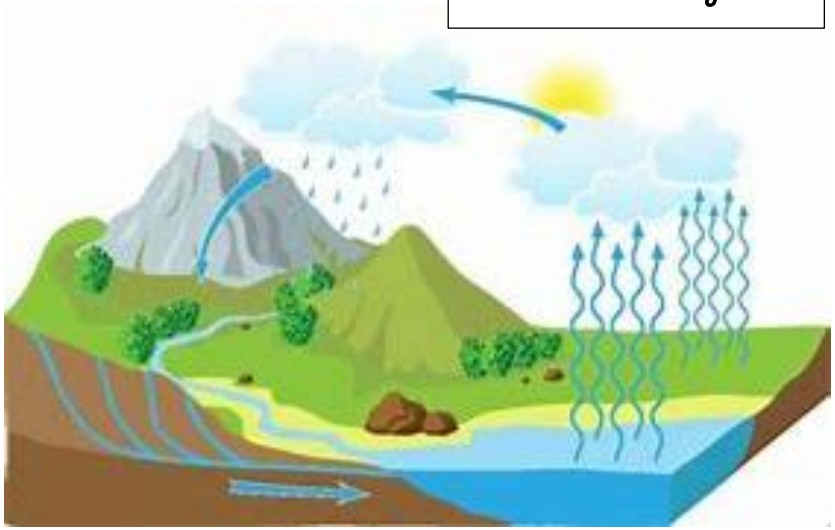
LKS2 Knowledge Organiser – Term 3 — Science – States of Matter

Outcomes
Compare and group materials together, according to whether they are solids, liquids or gases.
Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C).
Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Solid, liquid, gas



The Water Cycle



Key vocabulary
solid – a solid retains its own shape. It is rigid and has a fixed volume.
liquid – a liquid fits the shape of the container it's in. Liquids are not rigid and can be poured.
gas – fills all the available space and can be compressed.
evaporation – the process of heating water, or another liquid, so it turns into a gas.
condensation – the process of cooling water vapour (steam), or another gas, so it turns into a liquid.
water cycle – the water cycle shows the continuous movement of water within the Earth.

Condensation



