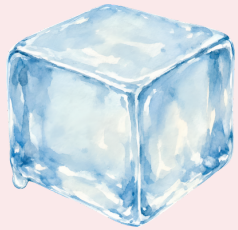


STATES OF MATTER!

How do we know if a material is a solid, liquid, or gas?

SOLID



A solid keeps its own shape and takes up a fixed amount of space.

LIQUID



A liquid can flow and changes shape to fit its container, but keeps the same amount of space.

GAS



A gas spreads out to fill its container and does not have a fixed shape or volume.

Key questions:

How do we know if a material is a solid, liquid, or gas?

When might a material change from one state to another?

How does temperature affect the stages of the water cycle?

Know how to:

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 ($^{\circ}\text{C}$).

Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Key vocabulary

Melting

Cooling

Evaporation

Condensation
