

Changes of State Notes

Fusion (melting) – when a solid turns into a liquid (because the particles gain energy and move faster)

Evaporation – when a liquid turns into a gas (because the particles gain energy and move faster)

Condensation – when a gas turns into a liquid (because the particles slow down and lose/release energy)

Solidification (freezing) – when a liquid turns into a solid (because the particles slow down and lose/release energy)

Sublimation – when a gas turns into a solid or a solid turns into a gas without turning into a liquid.

OUTCOMES

Explain how each state of matter, including changes of state, react to changes in temperature, using the particle model of matter

Explain temperature, using the concept of kinetic energy and the particle model of matter