

Key Stage 3 Precise Learning Points



Unit Number	C1
Unit Title	Particles
Chapter	State Changes

Key Scientific Points

1. Heating changes a solid to a liquid (melting) and a liquid to a gas (evaporating).
2. Cooling changes a gas to a liquid (condensing) and a liquid to a solid (freezing).
3. The melting and freezing temperature of a substance is that where the substance exists as both a liquid and a solid
4. The boiling and condensation temperature of a substance is that where the substance exists as both a liquid and a gas.
5. Adding an impurity to a substance changes the temperatures at which it changes state.