



Key knowledge

To understand what a particle is.

To identify solids, liquids and gasses.

To recognise the differences between a solid, a liquid and a gas.

To understand what happens to a state of matter when it is heated or cooled.

To know what the water cycle is.

Vocabulary

condensation

Small drops of water which form when water vapour or steam touches cold surface (e.g. a window)

cooling

Lowering the temperature of something.

evaporation

To turn from liquid to gas

viscous

Property of a liquid which describes how fast or slowly it will flow.

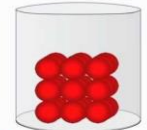
freezing point

The temperature at which a substance freezes. The freezing point of water is 0

melting point

The melting point of a substance is the temperature that something melts at - changing it from a solid to a liquid.

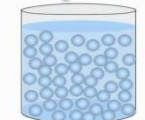
solid



- rigid
- fixed shape
- fixed volume

cannot be squashed

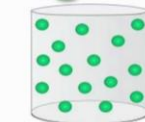
liquid



- not rigid
- no fixed shape
- fixed volume

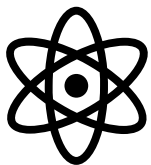
cannot be squashed

gas



- not rigid
- no fixed shape
- no fixed volume

can be squashed



Prior Knowledge -