

## Knowledge Organiser – States of Matter (Science Year 4)

Key Vocabulary	Definition
Solid	A substance that has a fixed shape and volume.
Liquid	A substance that flows freely and takes the shape of the container.
Gas	A substance that has no fixed shape and is free to fill any space.
Changing state	Moving from one state to another.
Melting point	Temperature at which a given solid will melt.
Boiling point	Temperature when a liquid turns to a gas.
Water cycle	Way that water moves between being water vapor to liquid water and then back to water vapor.

Matter usually exists in one of three states:



Solid

Has fixed shape and volume



Liquid

Takes shape of container  
Forms horizontal surface  
Has fixed volume



Gas

Expands to fill container



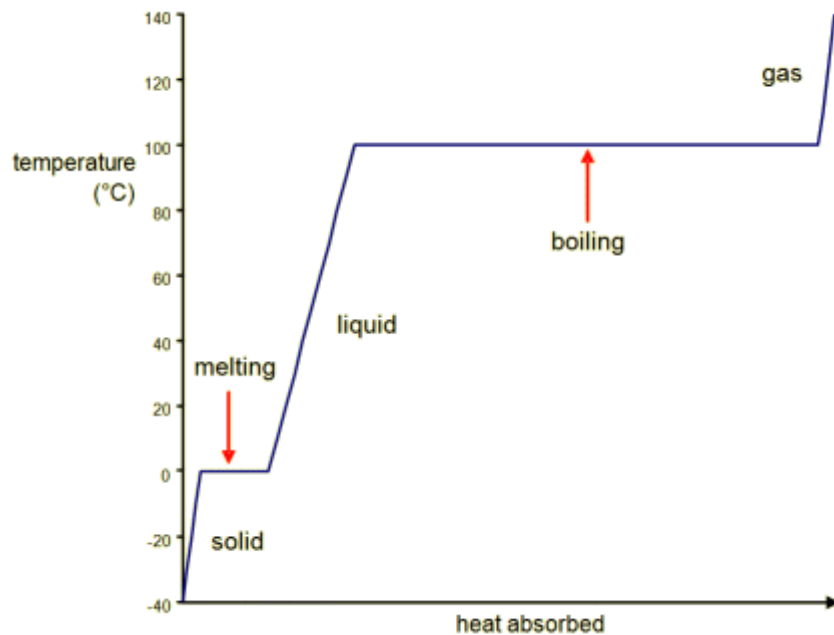
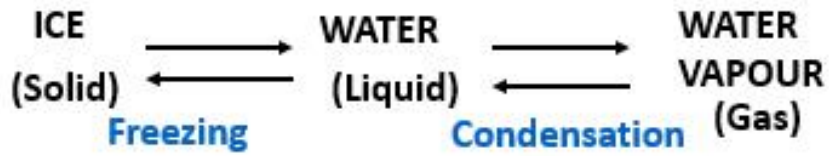
# Changing States of Water



Melting



Evaporation



# Water Cycle

