

VALENTINE Knowledge Organiser: AUTUMN 2

Year 4 Science: States of Matter

Vocabulary	Meaning
solid	an object where particles are packed close together
liquid	substance that flow freely but is of constant volume
gas	substance or matter in a state in which it will expand freely to fill the whole of a container
particles	what items are made from
properties	characteristics of an item
matter	any substance that has mass
state	the particular condition that something is in
changing state	changing between solids, liquids and gases
solidify	becoming a solid
melting	becoming liquid through heating
freezing	turning into ice or another solid due to extreme cold
compressed	to be squashed/flattened by pressure
evaporation	the process of heating water and turning into a gas
condensation	the process of gas cooling and turning into a liquid
vapour	water in the air
controlled variable	kept the same throughout the experiment
fair test	experiment which controls all but one variable





