

Key word	Definition
boiling	The change of state from liquid to gas that occurs when bubbles of the substance in its gas state form throughout the liquid.
boiling point	The temperature at which a substance boils.
change of state	The process by which a substance changes from one state to another.
collide	To bump into, or hit, a particle or surface.
condense	The change of state from gas to liquid.
diffusion	The movement of liquid or gas particles from a place of high concentration to a place of low concentration.
evaporate	The change of state from liquid to gas that occurs when particles leave the surface of the liquid only. It can happen at any temperature.
freezing	The change of state from liquid to solid.
gas	In the gas state, a substance can flow and can also be compressed.
liquid	In the liquid state, a substance can flow but cannot be compressed.
material	The different types of stuff that things are made from.
melting	The change of state from solid to liquid.
melting point	The temperature at which a substance melts.
mixture	A material whose properties are not the same all the way through.
particle	The tiny things that materials are made from.
property	A quality of a substance or material that describes its appearance or how it behaves.
solid	In the solid state, a substance cannot be compressed and it cannot flow.
states of matter	The three forms in which a substance can exist – solid, liquid, and gas.
sublime	The change of state from solid to gas.
substance	A material that is not a mixture. It has the same properties all the way through.