

States of Matter: The Science of Substances

Learning objective: To identify and define key scientific vocabulary related to the three states of matter: solids, liquids, and gases.

Key Vocabulary

Use this vocabulary that to help you master the scientific terminology for Year 5. The terms are grouped by their physical properties and the processes that change them.

Solid A state of matter with a fixed shape an...	Liquid A state of matter that flows to take the...	Gas A state of matter with no fixed shape or ...
Particle The tiny building blocks that make u...	Melting The process of changing from a soli...	Freezing The process of changing from a liq...
Evaporation The process of a liquid changi...	Condensation The process of a gas cooling...	Density A measure of how much mass is pa...
Viscosity A measure of a liquid's resistance ...	Volume The amount of space an object or s...	Irreversible A change that cannot be undone...
Reversible A change where the material can...	Temperature The measure of how hot or col...	Water Vapour Water in its gaseous state.
Explain why the ...	Compare and con...	Justify your ans... Is the process of freezing...
What might happ...	If you had two liq...	Nova the owl is w...