



Autumn 1

Science

Chemistry- States of Matter

STATE OF MATTER



In this unit, we will be learning:

1. What are the properties of solids, liquids and gases?
2. How do particles behave inside solids, liquids and gases?
3. What happens when you heat or cool each state of matter?
4. What are changes of state and why do they take place?
5. What are melting points and boiling points?
6. Which substances do not fit into one state of matter?

Subject Specific Vocabulary

states of matter	Materials can be one of three states: solids, liquids or gases.
solids	Materials that keep their shape unless a force is applied.
liquids	Liquids take the shape of their container
gases	Gases can spread out to fill the container or room they are in
water vapour	This is water that takes the form of a gas.
melt	This is when a solid changes to a liquid
freeze	Liquid turns to a solid during the freezing process.
evaporate	Turn a liquid into a gas
condense	Turn a gas into a liquid.
precipitation	Liquid or solid particles that fall from a cloud as rain, sleet, snow or hail.