

Nova's Science Report: States of Matter

Learning objective: To describe the properties of solids, liquids, and gases.

Use the word bank and sentence starters to help you write your science report about materials. Nova the Owl needs your help to explain how particles behave!

Everything in the world is made of matter, which can be a solid, a liquid, or a gas.

Word bank: solid · liquid · gas · fixed shape · flow · container · particles · vibrate · move freely · because · however

1. Solids: A solid has a fixed shape because... (2 marks)

2. Liquids: A liquid can flow and change its shape because... (2 marks)

3. Gases: A gas spreads out to fill a space because... (2 marks)

4. Examples: Can you name one solid, one liquid, and one gas you found in your house? (3 marks)

Extension challenge: Think of one item that can change its state, like ice melting into water. Write one sentence to explain what happens to the ice.