

States of Matter

Do you know what a solid, liquid or a gas is?

Have a go playing this online game identifying and sorting matter into its correct state-solids, liquids or gases by clicking this link

[Solids, Liquids & Gases](#)

Then try the challenge questions.

What do you think is happening to the water in the beakers?

Challenge: 'Using scientific evidence'

1. Look at the materials that you placed in the solid section of the table, what do they all have in common?

What is similar about them?

Write the properties of a solid to help us sort materials.

For example- **A solid keeps its shape**

2. Look at the materials in the liquid section of the table, what is similar about them?

Write the properties of a liquid.

3. **Write the properties of a gas.**

To help you observe the properties why don't you try to put the matter into a cup, change their shape, hold them, can you see them?

Can you add to the table with materials observed in your home?

Where would you put rice, sugar and flour?

Explain your answer.

