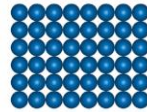


How does this link to GROW?

O; Develop subject specific knowledge, skills and understanding about the world around me.

Key knowledge:

- Everything in our universe is made of matter. There are 3 states of matter:



solid

- keeps the same shape
- keeps the same volume (takes up same amount of space wherever you put it)
- does not flow

liquid

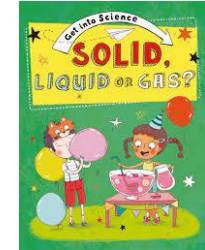
- change their shape depending on the container they are in
- keeps the same volume (takes up same amount of space wherever you put it)
- can flow

gas

- change their shape depending on the container they are in
- can change volume
- can flow

- States of matter can change. Substances can be heated or cooled to change from one state to another.
- The hotter the temperature, the quicker a liquid will change to a gas e.g. water to water vapour.

Books you might like:



What I've learnt previously:

- Y1- Identify the materials that objects are made from e.g. money is made from metal, window is made from glass, clothes are made from fabric.
- Y2- Explain forces that can change the shape of some materials e.g. squashing, bending, twisting and stretching.

This will help me to...

- Compare and classify materials into solid, liquid and gas based on their properties.
- Ask relevant questions and use different types of scientific enquiries to answer them.

Subject Specific Vocabulary

matter	anything that has mass and takes up space
particle	one very small piece of matter
evaporation	when a liquid changes state to a gas when heated (boiled)
condensation	when a gas changes state to a liquid when cooled
melting	when a solid changes state to a liquid when heated
freezing	when a liquid changes state to a solid when cooled
water vapour	the name of water as a gas

