

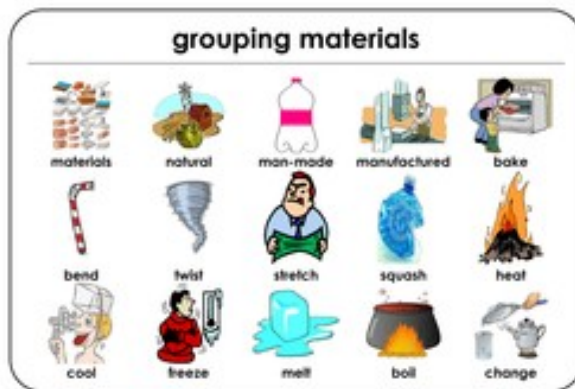


let anyone look down on you because you are young but set an example for the believers in speech; in conduct; in love; in faith and in purity.
(1 Timothy 4:12)

Subject: Science	Year group: 4 Term: Summer 1	Title: Water, Water Everywhere. - Chemistry
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What should I know?

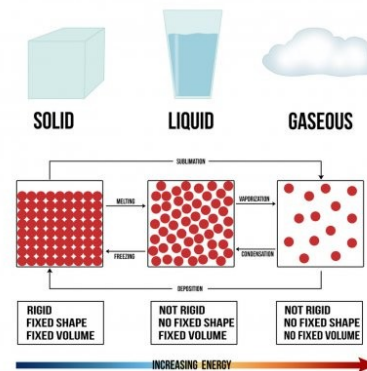
- That objects are made of many different materials
- Materials have different properties and different uses.



Facts I will learn ...

- How to compare materials
- How to use properties of materials to identify whether they are solid, liquid or gas
- How to group materials based on whether they are solids, liquids or gases

STATES OF MATTER



Key questions ...

- Is it solid, liquid or gas? How do we know?
- What features do they each have?
- What would it be like if you could shrink and go inside a solid, liquid or gas?
- Are all solids the same?
- Are all liquids the same?
- Are all gases the same?
- How can you change water into a solid or gas? Can we change it back?
- How are clouds formed?
- Where does the rain come from?
- How do humans affect the water cycle?
- What is global warming and how is it affecting water around the world?

Key Skills...

- Classifying objects and identifying solids, liquids and gases,
- Converting between the states of matter

Experiences that school may provide:

- A visit to foxhill bank

Key vocab and definition

Solid	Firm and stable in shape
Liquid	A substance that

Explaining and describing the water cycle			flows freely.
		Gas	A substance with no fixed shape or volume.
		Temperature	The degree of heat in a substance or object.
		Condense	Make something denser or more concentrated.
		Evaporate	Turn from liquid into vapour.
		Melt	Make or become liquid by heating.
		Freeze	Turn into ice as a result of extreme cold.
		Solidity	The quality or state of being form and strong.
		Particle	A minute portion of matter.
Web links https://www.bbc.co.uk/bitesize/subjects/z2pfb9q (materials area) https://www.abcya.com/games/states_of_matter	Experiences that could be provided at home... Visiting a pond to discover what lives there		