

The Oaks Community Primary School






Year 1 - Comparing Materials



Key Knowledge

What is an object?	An object is a thing that can be seen and touched.
What is a material?	Materials are what an object is made from.
Materials you need to know	<ul style="list-style-type: none"> • Wood • Plastic • Glass • Water • Rock
Materials can be compared and grouped together by the way they look and feel	<p>Wood, glass and rock are hard.</p> <p>Water and glass are shiny.</p> <p>Wood and rock can be rough.</p>

Diagrams and Symbols

	Object
	Material
	Dull
	Rough
	Shiny

Famous Scientists

John Dunlop	<ul style="list-style-type: none"> • Born in 1840 • An expert in rubber • Invented the inflatable tyre.
Charles Macintosh	<ul style="list-style-type: none"> • Born in 1766 • Invented the first waterproof fabric • The 'mac' raincoat was named after him
John McAdam	<ul style="list-style-type: none"> • Born in 1756 • He invented building roads with a smooth hard surface.

Key Vocabulary

Spelling	Meaning
Hard	Not easily broken or bent
Soft	It is easy to cut, fold or change the shape of
Stretchy	Can be pulled to make it longer or wider without breaking
Shiny	Reflects light easily
Dull	Doesn't reflect light. Doesn't look bright or shiny
Rough	It feels and looks uneven and bumpy
Material	What an object is made from
Object	A thing that can be seen and touched

Key Questions