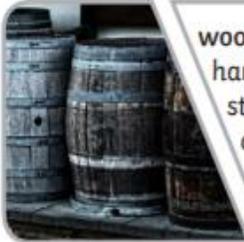


# Year 2 - Everyday materials

## Key Knowledge

### Properties of materials



**wood:**  
hard, stiff,  
strong, opaque,  
can be carved  
into any  
shape.



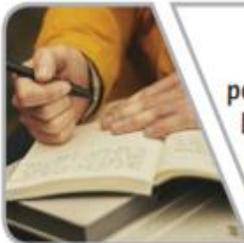
**glass:**  
waterproof,  
transparent,  
hard, smooth.



**plastic:**  
waterproof,  
strong, can  
be made to be  
flexible or stiff,  
smooth or rough.



**metal:**  
strong, hard,  
easy to wash.



**paper:**  
lightweight,  
flexible.



**cardboard:**  
strong, light,  
stiff.



**fabric:**  
soft, flexible,  
hard-wearing,  
can be stretchy,  
warm, absorbent.



**rubber:**  
hard-wearing,  
elastic, flexible,  
strong.

## Key Vocabulary

bending	Changing the shape and direction of something.
materials	What objects are made from.
properties	Can be identified using the five senses to describe how the material behaves
squashing	Changing the shape by pushing things closely together.
stretching	Changing the shape by pulling it to make it longer or wider.
suitability	Means having the properties which are right for a specific purpose.
twisting	Changing the shape by moving one part clockwise and the other part anti-clockwise.

Significant Individual - Charles Macintosh

Charles Macintosh was a Scottish chemist and the inventor of the modern waterproof raincoat.

