

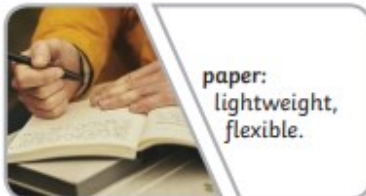
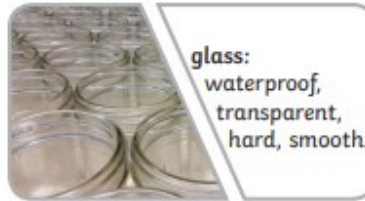
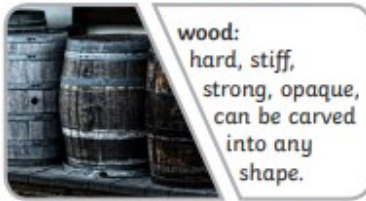
Science

Materials

Year 2

Autumn 1

Properties of Materials



People who developed new materials:

John McAdam's
process was so
successful that
roads were built in
this way right across
the world.



John Dunlop
originally used
rubber to make
tyres for his
son's tricycle.



Charles Macintosh
invented the
first waterproof
fabric by painting
a dissolved rubber
solution onto cloth.



Key Vocabulary

materials	Materials are what objects are made from.
suitability	Suitability means having the properties which are right for a specific purpose.
properties	This is what a material is like and how it behaves (soft, stretchy, waterproof).

Quiz

What did Charles Macintosh invent?

What are the properties of paper?

What are the properties of rubber?

What are the properties of glass?

Some common materials and their properties

Wood	Hard, strong, stiff
Plastic	Strong, shiny, bendy
Glass	Transparent, smooth, stiff
Metal	Hard, strong, shiny
Water	Runny, wet, clear
Rock	Hard, strong



Wood



Plastic



Glass



Metal



Water



Rock