

# Science (Y1) – Exploring Materials

## Everyday Materials

### Prior Knowledge

- Use senses to explore materials
- Talk about things that are the same and different
- Put things into groups

### Key Knowledge

- All objects are made of one or more material
- Some objects can be made from different materials e.g. a spoon

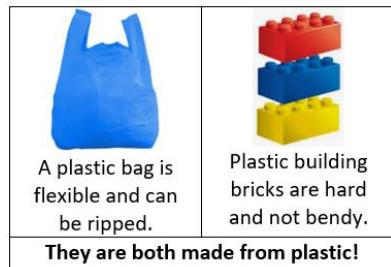


metal      wood      plastic

- Materials can be described by their properties e.g. how they look, feel or move



- Some materials, such as plastic, can have different properties when it is used to make different objects



Explore

Discover

Inspire



Names of materials:

Different types of materials	
wood	paper
plastic	fabric
glass	clay
metal	foil
water	cardboard
rock	rubber
brick	wool

### Key Vocabulary

object	material
hard	soft
stretchy	stiff
bendy	floppy
waterproof	absorbent
breaks	tears
rough	smooth
shiny	dull
transparent	opaque



**Charles Macintosh**  
**(1766 – 1843)**  
The inventor of  
waterproof fabric.  
The mackintosh  
raincoat is named  
after him.

*What are the properties of different materials?*