

- absorbent
- bending
- bendy
- fabric
- hard
- material
- metal
- natural
- opaque
- plastic
- properties
- rough
- shape
- push/pull
- glass
- bricks
- rope
- shiny
- smooth
- soft
- squashing
- stiff
- stretching
- suitable
- suitability
- transparent
- twisting
- waterproof
- wood
- flexible
- rigid
- translucent
- paper
- card

I already know...

that there are similarities and differences between different materials

Vocabulary



- material** - what an object is made from
- soft** - not hard or firm, changes its shape when pressed or squashed
- hard** - not soft, solid and firm
- rigid** - stiff, not bendy
- flexible** - can be bent without breaking
- stretchy** - can be pulled out of shape and then returns to its original shape and size
- transparent** - see-through
- opaque** - not see-through
- waterproof** - water cannot pass through
- absorbent** - water is soaked up by the material

Key knowledge

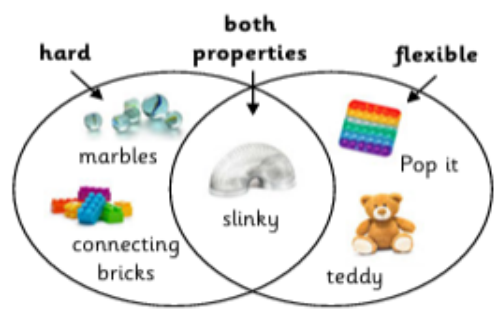
wood	metal	plastic	glass	fabric
				
Wood comes from trees. It is often used to make furniture. It is hard, strong and long-lasting.	Metals are a natural material that are found underground. They are strong, hard and shiny.	Plastics are a man-made material. They are made from chemicals in factories. They can be strong, flexible and waterproof.	Glass is created by melting sand at high temperatures. It is usually transparent. When thin, it can easily break.	Fabrics can be natural (made from wool or cotton) or man-made. They are often flexible and absorbent.



Working scientifically



We can **sort** and **group** toys according to the properties they have:



Thinking questions



- Why is plastic a good material to make toys from?
- Why are some toys made from more than one material?
- Why are teddies made from fabric instead of glass?
- In the past, lots of toys were made of metal. Do you see many metal toys today? Why?

I should now be able to...

- tell you what material/s an object is made from
- name different everyday materials
- describe the properties of everyday materials
- compare and group everyday materials based on their properties