


KEY INFORMATION AND FACTS

KEY VOCABULARY

<p>material Materials are the substance that objects are made from. Examples of materials are metal, plastic, wood and glass.</p>
<p>properties Different materials have different features, or properties, which make them suitable for different uses.</p>
<p>suitable How effective a material is for a task</p>
<p>transparent Completely see-through</p>
<p>translucent Let some light through but not completely see-through.</p>
<p>opaque Not able to be seen through.</p>
<p>flexible Bends easily without breaking.</p>
<p>rigid Unable to bend or be forced out of shape.</p>
<p>absorbent Able to soak up liquid easily.</p>
<p>reflective Reflects light easily.</p>
<p>non-reflective Does not reflect light.</p>

Materials and their uses

Material	Properties	Uses
<p>wood</p> 	<p>opaque hard strong</p>	<p>table</p> 
<p>metal</p> 	<p>shiny smooth reflective</p>	<p>fork</p> 
<p>plastic</p> 	<p>waterproof bendy translucent</p>	<p>water bottle</p> 
<p>glass</p> 	<p>transparent waterproof hard</p>	<p>window</p> 
<p>brick</p> 	<p>hard rough dull</p>	<p>wall</p> 
<p>rock</p> 	<p>strong hard rigid</p>	<p>fireplace</p> 
<p>paper</p> 	<p>tears easily translucent flexible</p>	<p>book</p> 
<p>cardboard</p> 	<p>dull non-reflective opaque</p>	<p>boxes</p> 
<p>fabric</p> 	<p>flexible Soft absorbent</p>	<p>clothes</p> 

Changing Materials

squashing



Clay can easily be pushed and pulled.

bending



Foil is bendy and waterproof.

twisting

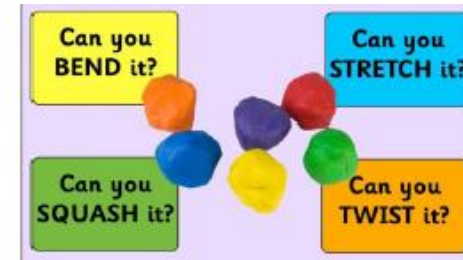


This plastic bottle's shape can be changed.

stretching



A balloon is very flexible.



Some solid objects can be changed by bending, stretching, squashing or twisting the material.