

KS1  
Autumn 2

Manor Leas Infant School Knowledge Organiser

Science

Uses of Everyday Materials



Star Words	Definition
Opaque	Materials that can not be seen through.
Transparent	Materials that can be seen through.
Translucent	Materials that allow some light to pass through but are not completely see-through
Reflective	A mirror is a reflective surface. Mirrors reflect a lot of light.
Flexible	Bends without breaking.

Some solid objects are made from materials that can change shape.



Sticky Knowledge

Materials

<b>wood</b> 	<b>paper</b> 
<b>plastic</b> 	<b>fabric</b> 
<b>glass</b> 	<b>clay</b> 
<b>metal</b> 	<b>foil</b> 

<b>water</b> 	<b>cardboard</b> 
<b>rock</b> 	<b>rubber</b> 
<b>brick</b> 	<b>wool</b> 

Materials have different **properties**.

hard      bendy      heavy  
soft      rough      light  
stretchy      fluffy      shiny  
stiff      cold      strong  
smooth      sharp      fuzzy

Helpful Books and Websites

[Changing the shape of materials – KS1 Science curriculum - BBC Bitesize](#)



Home Learning Ideas

Go on a hunt to find objects made from different materials. Can you describe their properties?