



















Knowledge Organiser Science Year 2

Materials and their uses

Key Vocabulary	
Absorbent	Able to soak up liquid easily
Flexible	Bends easily without breaking
Opaque	Not clear. Blocks light so that none gets through
Property	A characteristic of a material that can be observed
Non-reflective	Does not reflect light
Reflective	Reflects light
Rigid	Unable to bend or be forced out of shape
Transparent	Clear, see-through, lets light pass through
Translucent	Almost see through, lets some light through

Materials	
Bending 	Foil is bendy and waterproof
Squashing 	Plasticine can be easily pushed and pulled
Twisting 	You can change the shape of this pencil by twisting
Stretching 	This elastic band is very flexible and can be stretched

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