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Subject Specific Vocabulary		Uses of Materials			Important Knowledge							
flexible	Something that is easily bent without breaking.	wood 	opaque hard strong	table 	<ul style="list-style-type: none"> <input type="checkbox"/> I can identify a wide range of materials. <input type="checkbox"/> I can use scientific vocabulary to describe the properties of materials. <input type="checkbox"/> I know the properties of absorbent materials. <input type="checkbox"/> I know which fabrics are waterproof. <input type="checkbox"/> I can explain how suitable materials are for particular uses. <input type="checkbox"/> I can say which materials can change their shape by squashing, bending, twisting and stretching. <input type="checkbox"/> Working Scientifically <input type="checkbox"/> I can use scientific vocabulary to describe the properties of a material. <input type="checkbox"/> I can ask questions such as 'what will happen if...' <input type="checkbox"/> I can talk about how I would find an answer to a question. <input type="checkbox"/> I am beginning to make suggestions on how to carry out a simple test. <input type="checkbox"/> I can say what data I might collect. <input type="checkbox"/> I can use a table and a report to write my results. 							
transparent	Something that you can see through.	metal 	shiny smooth reflective	fork 								
opaque	Something that cannot be seen through.	plastic 	waterproof bendy translucent	water bottle 								
reflective	A surface that reflects light.	glass 	transparent waterproof hard	window 								
rigid	Something that is impossible or difficult to bend.	brick 	hard rough dull	wall 								
manmade	Mae by humans	rock 	strong hard rigid	fireplace 								
absorb	Something which takes in or soaks up something else.	paper 	tears easily translucent flexible	book 								
compare	To say how things are the same and how they are different.	cardboard 	dull non-reflective opaque	boxes 								
identify	To work out what something is.	fabric 	flexible Soft absorbent	clothes 								
results	To show what you have found out.	<table border="1"> <tr> <td>Bending </td> <td>Foil is bendy and waterproof</td> </tr> <tr> <td>Squashing </td> <td>Plasticine can be easily pushed and pulled</td> </tr> <tr> <td>Twisting </td> <td>You can change the shape of this pencil by twisting</td> </tr> <tr> <td>Stretching </td> <td>This elastic band is very flexible and can be stretched</td> </tr> </table>				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 
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