

## Science Subject Knowledge Bank Year 2: Use of everyday materials

VocabularyDefinitionMaterialSomething that objects are made out of.TransparentAllows light to travel through so you can see through it.OpaqueDoes not allow light to travel through so you cannot see through it.		Can materials be used to make different things? • Some materials are used for more than one thing (metal can be used for coins, cans, cars and table legs; wood can be used for matches, floors, and telegraph poles)			<ul> <li>Can different materials be used to make the same thing?</li> <li>Different materials are used for the same thing (spoons can be made from plastic, wood, metal, but not normally from glass)</li> </ul>	
Property	A quality of a material				<ul> <li>Why does the property of a material matter?</li> <li>The property of the material helps decide what</li> </ul>	
transparent v soft shiny bendy stretc stretch	0	Name/Picture	Why significant He was a Scottish engineer who experimented with using new materials to build roads, inventi new process called 'macadamisa This process was so successful roads were built in this way righ across the world. He invented the air-filled rubbe tyre. It was originally invented 1887 to use with bicycles, and the became very useful when automobiles were developed. He originally used rubber to make the for his son's tricycle. He was an inventor and chemist invented waterproof fabrics in The Mackintosh raincoat was introduced in 1824. He invented first waterproof fabric by pain a dissolved rubber solution onto	ing a tion'. that ht er in then tyres who 1818. I the ting	<ul> <li>objects can be made from it.</li> <li>Different materials will be best for different objects.</li> <li>Which people have developed new materials? <ul> <li>John Dunlop developed rubber tyres</li> <li>Charles Macintosh developed waterproof material</li> <li>John McAdam developed a material to make road surfaces.</li> </ul> </li> </ul>	
bend	squash	Macintosh 1766-1843	cloth.			