








Use of everyday materials Unit 2

Context: The shape of materials can be changed to make them useful

P.O.S – Use of everyday materials

Concept – Physics - energy transfer, forces

Facts	Vocabulary
<p>1. Different types of materials:</p> <ol style="list-style-type: none"> Wood Metal Plastic Glass Brick Rock Paper cardboard 	<p>1. property - from an Anglo-Norman French variant of Old French propriete, from Latin proprietas, from proprius 'one's own, particular'</p>
<p>2. Uses for materials:</p> <ol style="list-style-type: none"> Wood - fuel, construction material, for making tools and weapons, furniture and paper. Metal – jewellery, fasteners, screws and pots for cooking Plastic - packaging goods Glass - windows, light bulbs, and tableware Brick - building material, used to make walls and pavements Rock – decorations, household tiles, statues and monuments Paper - books, magazines and newspapers, money and photographic paper, writing paper, toys, boxes, wrapping paper, paper napkins, toilet paper, paper towels, facial tissue and paper plates Cardboard - shipping or storing products 	<p>Wood  A hard substance that forms the branches and trunks of trees and can be used as a building material.</p> <hr/> <p>Plastic  An artificial substance that can be shaped when soft into many different forms and has many different uses.</p> <hr/> <p>Glass Metal  A material that is generally hard and strong and through which electricity and heat can travel.</p> <hr/> <p>Water  A clear liquid without colour or taste, that falls from the sky as rain and is necessary for animal and plant life.</p> <hr/> <p>Rock  The dry solid part of the Earth's surface.</p>
<p>3. The shape of some solid objects can be changed by:</p> <ol style="list-style-type: none"> Squashing Bending Twisting stretching 	
<p>4. John McAdam:</p> <ol style="list-style-type: none"> Scottish inventor and road builder Came up with the idea of the macadam road surface. 	<p>McAdam road surface</p>
<p>5. John Dunlop:</p> <ol style="list-style-type: none"> A Scottish inventor developed the inflatable rubber tyre Founded the company Dunlop Tyres. 	

Websites:

<https://www.youtube.com/watch?v=tGfLhPsIEjQ>