Definiti	Use of everyday materials – Year 2	
Definition:	Material - It is anything made from matter that can be shaped or manipu	lated in order to make
something		
A material	is anything that physically occupies a space and has mass	
hysics def	inition: Physics is the study of nature and how matter and energy behave	
POS: Y2 Us	e of everyday materials	
• id	entify and compare the suitability of a variety of everyday materials, inclu	ding wood, metal, plastic,
-	ass, brick, rock, paper and cardboard for particular uses	
	nd out how the shapes of solid objects made from some materials can be	changed by squashing,
	ending, twisting and stretching	
Prior learn	-	Links to other science topics
	erything around us is made out of a material	. Evenueleu meteriele
	nderstand the term material	 Everyday materials Y1
	plore misconception of 'material' – material is not just fabric, it can be solid liquid or gas	 Changes of state-
	plore natural materials – rock (granite, limestone, marble), fossil fuel	Year 3
	pole natural materials rock (grante, innestone, marble), rossi ruer pal, oil), clay, water, air, wood, plant fibre (cotton, hemp), animal	 Rocks - year 3
•	oducts (wool, leather, tallow, horn), plant extracts (latex)	
	plore manufactured materials – metals, paper, rubber, clay, fabrics,	
	astics, ceramics, synthetic materials	
• Ui	nderstand and can use appropriately manufactured, natural, matter and	
sy	nthetic in simple choices	
	y concepts:	
	and differences: How are the materials similar or different?	
-unction: F	low does the function of the object decide which material to use?	
Common n	nisconceptions:	
	ly fabrics are materials	
	ly building materials are materials	
	ly writing materials are materials	
• th	e word 'rock' describes an object rather than a material	
• '~	blid' is another word for hard.	
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Core Know		
Core Know • Cł • Ui	ledge: noose the right material for the job nderstanding materials in the real world – what they made from and why	(for weather, warmth,
Core Know • Cł • Ui wa	ledge: noose the right material for the job nderstanding materials in the real world – what they made from and why aterproof, strength etc) (pans, bottles, window, furniture, towel)	(for weather, warmth,
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