Oughterside Foundation School - Science

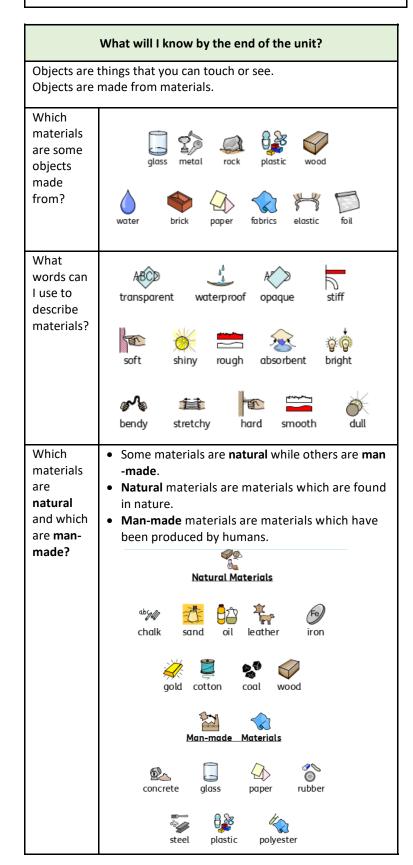
Topic: Everyday Materials

Year: 1

Strand: Chemistry

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What sh	ouid i air	readv kn	IOW?

- Objects feel and look different based on the material they are made from.
- Use different materials when painting and making art.



	Strand: Chemistry		
Vocabulary			
absorbent	material that soaks up liquid easily		
bendy	an object that bends easily into a curved shape		
brick	rectangular blocks of baked clay used for building walls, which are usually red or brown		
dull	a colour or light that is not bright		
elastic	a rubber material that stretches when you pull it and returns to its original size and shape when you let it go		
fabrics	cloth or other material produced by weaving together cotton, wool or other threads.		
foil	sheets of metal as thin as paper		
glass	a hard transparent material		
man-made	things are created by people		
metal	a hard substance such as iron, steel, gold, or lead		
natural	things that exist in nature and are not made by people		
opaque	if an object or substance is opaque , you cannot see through it		
plastic	a material which is light in weight and does not break easily		
rock	the hard substance which the Earth is made of		
rough	uneven and not smooth		
shiny	things are bright and reflect light		
smooth	no roughness, lumps, or holes		
soft	not rough or hard		
stiff	firm or does not bend easily		
stretchy	slightly elastic		
transparent	If an object is transparent , you can see through it		
waterproof	does not let water pass through it		
wood	the material which forms the trunks and branches of trees		

Investigate!		
 How are objects similar / different based on the 		
materials they are made from?		
 How are materials similar / different to each other? 		
 Can you sort natural materials from man-made materials? 		
 What is the best material for an umbrella? 		
 What is the best material for a lining a dog basket? 		
 What is the best material for a superhero costume? 		
 What is the best material for curtains? 		

• What is the best material for a bookshelf?

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Question 1: Which of these are materials? (Tick two)	Start of unit:	End of unit:
wood		
air		
metal		
things		

Question 3: Plastic is:	Start of unit:	End of unit:
natural		
man-made		

Question 2: Which of these materials is transparent?	Start of unit:	End of unit:
wood		
rock		
metal		
glass		

Question 4: Elastic material is	Start of unit:	End of unit:
stiff		
rough		
stretchy		
wooden		

Question 5: Match the w picture:	ords to their	Start of unit:	End of unit:
plastic			
metal			
glass			
wood			
rock			
water			