





Key People/Scientist	
	Chester Greenwood (1858-1937) An American scientist who invented the earmuff in 1873, at the age of 15.
	Ole Kirk Christiansen (1891 - 1958) A Danish carpenter who in 1932 founded the Danish construction company 'The Lego Group'.

Key Questions	
What is the difference between an object and a material?	Objects are things that you can touch or see. A material is what objects are made from.
Which materials are natural?	Natural materials are materials which are found in nature. Chalk, sand, oil, leather, iron, gold, cotton, coal and wood are natural materials.
Which materials are man made?	Man-made materials are materials which have been produced by humans. Concrete, glass, paper, rubber, steel and plastic are man made materials.
What words can I use to describe materials?	Properties describe the material or object. You can use words such as, transparent, opaque, waterproof, stiff, soft and stretchy.

Misconceptions/Key words
Misconception Plastic is not breakable.
Fact Plastic can be broken. Different types of plastics have different properties. Some types of plastics can be broken more easily than others. For example the plastic used to make cling-film wrap breaks more easily than the plastic used to make a plug cover.

Diagrams/Visual Aids
 

Key Vocabulary	
absorbent	Material that soaks up liquid easily.
dull	A colour or light that is not bright.
material	The 'stuff' an object is made out of.
object	A thing that can be seen and touched.
properties	A way to describe something.
rough	Uneven and not smooth.
shiny	Things are bright and reflect light.
smooth	No roughness, lumps, or holes.
stretchy	Slightly elastic.
waterproof	A material that does not let water pass through it.