



## Key Concepts

Objects are things that you can touch or see.  
Objects are made from materials.

Which materials are some objects made from?



What words can I use to describe materials?



Which materials are natural and which are man-made?

Natural materials are materials which are found in nature.



Man-made materials are materials which have been produced by humans.



## Working Scientifically Skills



Asking questions



Explaining results – saying what we found out



Using books, videos, the internet, people and photos to find answers



Observing and measuring



Recording information



Looking for patterns – sorting and grouping

## Key Vocabulary

bendy	An object that bends easily into a curved shape
brick	Rectangular blocks of baked clay used for building walls.
dull	A colour or light that is not bright
elastic	A rubber material that stretches when you pull it and returns to its original shape and size when you let 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 material
metal	A hard substance such as iron, steel, gold or lead
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
waterproof	Does not let water pass through it

## Famous Scientists



John Macadams (1756 – 1836) – Scottish civil engineer and road builder.