

Science • Everyday Materials



Key Vocabulary



Object: something that can be seen and touched



Material: what an object is made of



Elastic: can return to original shape after it is stretched.



Stretchy: when a material can be pulled to change its shape.



Waterproof: something that keeps water out



Absorbent: when a material has small holes in it liquid is drawn in.



Rough: uneven, bumpy, not level and smooth



Smooth: flat, not rough and bumpy



Shiny: light bounces off, maybe clean and polished

Dull: not shiny, light does not bounce off



See through: eg. a window

Not see through: eg. curtains



Crucial Knowledge

- All objects are made of one or more materials.
- Some objects can be made from different materials, e.g. plastic, metal or wooden spoons.
- Materials can be described by their properties e.g. shiny, stretchy, rough etc.
- Materials that have similar properties are grouped into metals, rocks, fabrics, wood, plastic and ceramics (including glass).



Diagrams / Images

Materials:



plastic



wood



metal

Objects:



plastic toys



wooden furniture



metal tools



Important People



Charles Macintosh was the inventor of waterproof fabric. The famous coat is named after him!

Martin Brock is an inventor who makes amazing 'smart fabrics' used by modern athletes



We Are Building Our Knowledge From

This will help when we learn about

- Uses of Everyday Materials (Y2)