

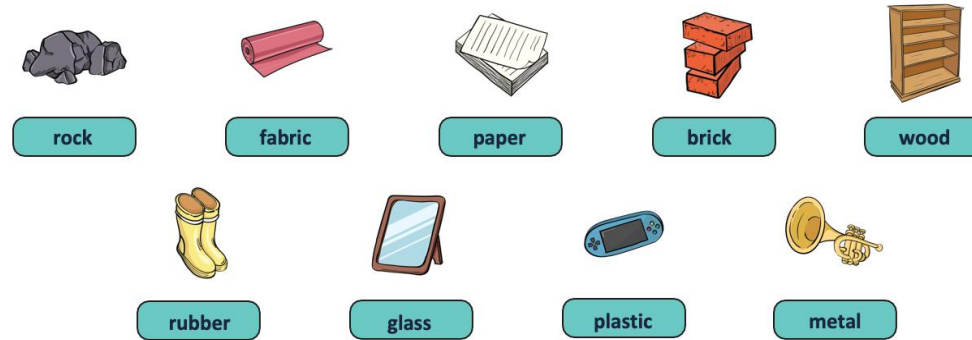
Year 1 - Autumn 2

Science - Everyday Materials

Principal Aim: Name types of materials and describe their properties.

Curriculum links
Geography/DT- Suitable clothing for hot and cold climates

There are lots of different materials. We are going to name them and use words to describe the materials. We will use words like hard, soft, rough, bumpy, smooth, fragile, strong, heavy, light.



Key question: What are materials?	Key question: How are materials different?	Key question: What are objects made from?	Key question: How can we sort materials?	Key question: Which material would be best for an umbrella?	Key question: Which material would be best for curtains?
--------------------------------------	---	--	---	--	---

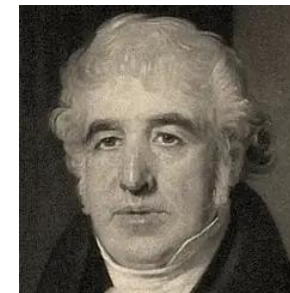
Key words/terms

material - the substance used to make something
 fabric - cloth made by knitting or weaving fibres
 object - a thing that can be seen or touched
 fragile - easily broken or damaged
 waterproof - keeps water out
 hard - solid or firm, not easily broken
 soft - easy to mould, cut, fold or change shape
 rough - having an uneven surface.
 smooth - having an even surface.

Focus Scientist - Charles Macintosh - Invented Waterproof Fabric



Charles was born in Glasgow, Scotland in 1766. He made a scientific discovery in 1823 - he noticed that rubber dissolved if put into a special liquid. This new liquid could be put in between cloth and water could not soak through! He had invented waterproof fabric!



Y1 Science Skills:

ask simple questions, observe closely, perform simple tests, identify and classify, suggest answers to questions, gather and record data.