

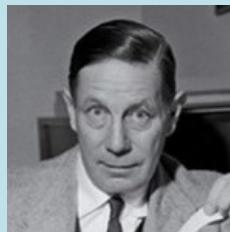
Science—Year 1—Materials

Key Knowledge

- An object is the name given to something, e.g. table, floor, cup.
- The material is what an object is made from.
- Everyday means something that is used a lot.
- Name the everyday materials: wood, plastic, glass, metal, water, rock, brick, paper, card, fabric.
- The properties of materials are how you can describe the materials.
- Material properties can be: hard/soft; shiny/dull; rough/smooth; bendy/stiff; waterproof/not waterproof; not see through/see through.
- Waterproof means water can not get through this material.
- An object can be described as hard if does not change shape when hit or struck.
- An object which is stretchy can be pulled out of shape.
- An objects which is shiny will reflect light and will appear glossy.
- An object which is bendy can be pushed/bent when a force is applied.
- An object which is see-through will allow light to pass through it.
- Different objects made of the same material will have similar properties.

Key People

George de Mestral (1907—1990) invented VELCRO® in 1948.



Vocabulary

object	foil	smooth
material	card/cardboard	shiny
wood	rubber	dull
plastic	wool	see through
glass	clay	not see through
metal	hard	waterproof
water	soft	similar
rock	stiff	different
brick	bendy/floppy	compare
Paper	stretchy	group
fabrics	breaks/tears	
elastic	rough	

VELCRO close up

