

Science Y1 and 2: Materials

Subject Specific Vocabulary

materials	Is what something is made of, e.g. wood or plastic.
wood	The material that comes from a tree. It varies in hardness.
plastic	A 'man-made' material that can be shaped or moulded to any shape.
metal	A tough and strong material which can be heated and shaped into anything.
liquid	Liquids can flow and take on the shape of their container.
gas	We can't see gas but it is all around us. There are different types of gas.
stretch	A stretchy material is one that is like elastic.
stiff	A stiff material is firm and hard and not flexible.
bend	A bendy material is one that can be twisted and is flexible.
waterproof	Is a material that does not allow water or liquid through.
shiny	A shiny material is sparkly or glossy and sometimes glittery.

Materials for clothes

1	Leather – used for shoes, jackets and trousers
2	Wool – used for jumpers, socks, pyjamas and coats
3	Cotton – used for clothes we wear on warmer days and shirts.
4	Silk – expensive materials used for scarves, blouses

MATERIALS



Sticky Knowledge

1	Glass is used for ...
	<ul style="list-style-type: none"> Windows in houses and cars to see through. Mirrors – to see yourself – reflection.
2	Metal is used for ...
	<ul style="list-style-type: none"> Strength – in construction of planes, cars and trains and especially tall buildings.
3	Wood is used for ...
	<ul style="list-style-type: none"> Doors – most doors are made from wood. Furniture – most furniture is made of wood, often special wood.
4	Plastic is moulded or shaped ...
	<ul style="list-style-type: none"> to form any shape from buckets to animal jelly casts.

What you need to be able to do by the end of the Year 1 Materials topic

.Distinguish between an object and a material from which it is made

. Identify and name a variety of everyday materials, including wood, plastic, glass, metal, metal, water and rock

. Describe the simple physical properties of a variety of everyday materials

. Compare and group together a variety of everyday materials on the basis of their properties

- Know that atoms are that basic building block of all materials and can be joined together to make molecules

