

Vital Vocabulary

Key Word	Definition
Material	A material is what a thing is made of
Properties	Describes the qualities of an object
Stiff	Does not bend or change shape easily
Stretchy	A material which can be pulled
Flexible	Able to bend or change shape
Waterproof	Does not soak up liquid
Strong	Difficult to break
Absorbent	Soaks up liquid well

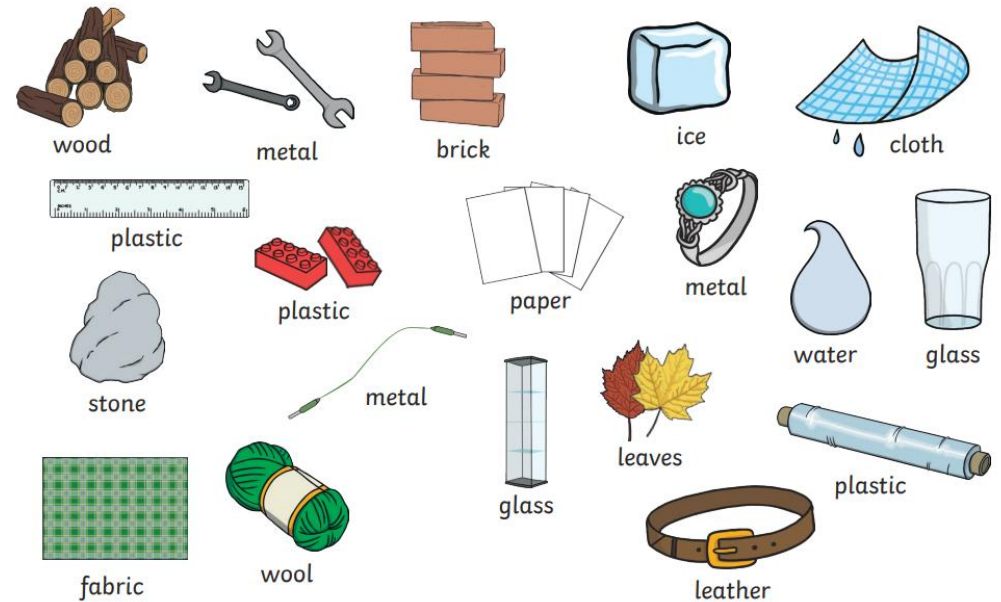
Types of materials

Materials are the substances used to make objects.

Some objects are made of one **material**
e.g. **bricks** are made from **brick**.

Other objects are made from more than one material
e.g. a **belt** can be made from **leather** and metal.

Examples of everyday **materials**



We can describe materials in many ways

Physical properties of materials

hard			soft		
stretchy			stiff (rigid)		
dull			shiny		
opaque			transparent		
waterproof			not waterproof		



John Boyd Dunlop 1840 - 1921

Invented first practical pneumatic tyre after using rubber for his son's tricycle tyre and filling it with air.