

Materials

Materials are used for different purposes based on their properties. For example, wood is used to make furniture and floors. Metal can be used to make coins, cans, cars and cutlery. Glass can be used to make windows.



Glass can be used to make windows because it is transparent. Rulers can be made from wood, plastic or rubber because these materials are smooth and can be cut straight. Spoons are made from metal, because it is waterproof and can be cleaned easily. They can also be made from plastic for children because plastic is light and it cannot hurt children's growing teeth.



wood



metal



plastic



glass



brick



stone



paper

Key Vocabulary

stretchy	Can be easily stretched or pulled to change its size or shape.
stiff	Can not be easily bent
shiny	A smooth glossy surface
dull	Does not reflect light
rough	Uneven or bumpy surface
smooth	Having an even surface
bendy	Can change into a curved shape
waterproof	Something that keeps water out
absorbent	A material which can soak up liquid
opaque	An object that can not be seen through and does not allow light through it.
transparent	Light can travel through an object.

Squashing, Bending, Twisting and Stretching

