

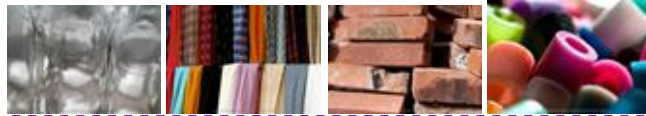


Knowledge Organiser - MATERIALS: Which materials are best suited to their job and how? (Key Stage 1)

Key Vocabulary and definitions

Object	A thing that can be used - door, chair etc
Material	What objects are made from.
Properties	What a material is like - how it behaves.
Suitability	Having the properties that are right for its use.

Different Materials



Glass

Fabric

Brick

Plastic



Wood

Metal

Stone

Paper

Ways to change the shape of Materials



Stretching

Squashing

Twisting

Bending

Properties of Materials

Hard	Not easily broken or bent.
Soft	Easy to cut, fold or change the shape of.
Stretchy	Can be pulled to make it longer or wider without breaking.
Stiff	Not easily bent or changed shape.
Shiny	Reflects light easily
Dull	Doesn't reflect light. Doesn't look bright or shiny.
Rough	Feels and looks uneven or bumpy.
Smooth	No lumps or bumps
Bendy	Can be folded easily.
Not Bendy	Can't be folded easily.
Waterproof	It keeps water out. It keeps things dry.
Not Waterproof	Let's water in.
Absorbent	It soaks up water.
Not Absorbent	Does not soak up water.
Transparent	Can be seen through.
Opaque	Can't be seen through.

