



Y2 Science – Everyday Materials

Changing the Shape of Materials



Squashing - Crushing something so that it becomes flat, soft or out of shape.



Bending - Changing a straight object so that it is curved.



Twisting - Changing the shape of an object by turning it.



Stretching - Making something longer or wider without it tearing or breaking.

Vocabulary	
Properties	Ways of describing something
Material	The 'stuff' an object is made out of
Inflatable	Can be filled with air
Fabric	Cloth produced by weaving or knitting
Flexible	Easily bent without breaking
Absorbent	Able to soak up liquid
Waterproof	Not letting water through; not absorbent
Reflective	A surface that bounces back light
Magnetic	Materials that pull certain types of metal towards them.

What does material mean?

All objects have a name like 'a table'. Material is the 'stuff' an object is made from.



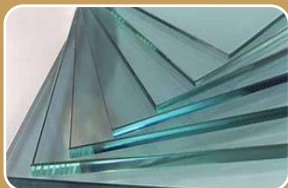
Wood

Rigid, strong, hard.
Can be used for doors, floors, tables and fences



Plastic

Strong, shiny, bendy.
Can be used for bottles, pens, rulers, toys and packaging.



Glass

Transparent, smooth, stiff, waterproof.
Can be used for windows, mirrors and glasses



Rock

Hard, strong, dull
Can be used for walls, buildings



Rubber

Flexible, stretchy, strong.
Can be used for tyres, elastic bands, balloons, shoe soles



Brick

Rigid, strong, dull, rough.
Can be used for houses and walls.



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Objects made from various materials



Plastic



Metal



Wood



Leather



Fabric



Rubber

Spoons

Shoes



Leather



Wool



Rubber



Plastic



Paper



Glass

Gloves

Cups