



Key knowledge:

Uses of common materials	
Wood can be used for:	Doors, tables and fences
Plastic can be used for:	Pens, rulers and cubs
Glass can be used for:	Windows and glasses
Rock can be used for:	Garden walls and old building
Metal can be used for:	Cars and coins
Brick can be used for:	Houses, walls and pathways
Paper can be used for:	School books and wrapping paper
Card can be used for:	Folders and birthday cards
Some objects can be made from various materials. For example, a spoon could be made from plastic, wood or metal.	
Changing the shape of a material	
Squashing	When you crush something so that it becomes flat, soft or out of shape.
Bending	When you change a straight object so that it is curved.
Twisting	When you change the shape of an object by turning it.
Stretching	When you make an object longer or wider without tearing or breaking it.

Key concepts:

Identifying	Describing
Grouping	Comparing

Key vocabulary:

Object	A thing that can be seen or touched
Material	The 'stuff' an object is made out of
Properties	A way to describe something
Liquid	Liquids can flow or be poured easily

Diagrams:

Squashing



Bending



Twisting



Stretching



Possible experiences:

Go on a material hunt in the local area. How could they be grouped?
Find different objects that are made from more than three materials. What are they?