

Key Vocabulary

material	A material is what something is made of, such as wood or plastic.
suitability	Suitability means having the right properties for a certain use.
properties	The properties of a material tell us what it is like and how it behaves, such as whether it is soft, rough or transparent.
recycle	To recycle means to change waste (rubbish) into a material that can be used again.
recyclable	If a material is recyclable , it means it can be recycled. Not all materials are recyclable .

Key Knowledge

Some **materials** can change shape when you squash, bend, twist or stretch them. **Materials** that are soft, bendy or stretchy are often easier to change the shape of than **materials** that are hard, **rigid** or **strong**.

Squash an object by pressing on it.



Twist an object by holding both ends and twisting your hands in opposite directions.



Bend an object by trying to bring both ends towards each other.



Stretch an object by holding both ends and pulling your hands apart slowly and gently.

