Y2 Science Knowledge Organiser – Materials

Vocabulary

Natural Material	A material that comes from an animal. Plants or the Earth
Man-made material	A material made by people
Brittle	Easily broken
Flexible	Can change shape easily
Transparent	Materials you can see through i.e. glass
Translucent	Materials you cannot see clearly through
Opaque	Material you cannot see through
Tough	Not easily broken
Waterproof	Does not allow water to pass through it
Lightweight	Think and light







How to change materials



Bend



Squash



Twist



Stretch



- **smooth** – an even surface



- **rough** – an uneven surface

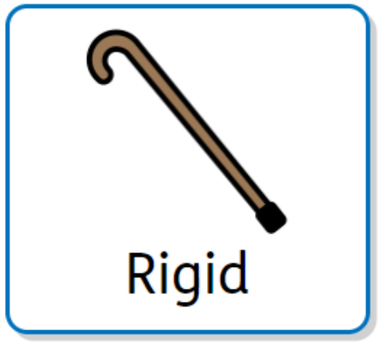


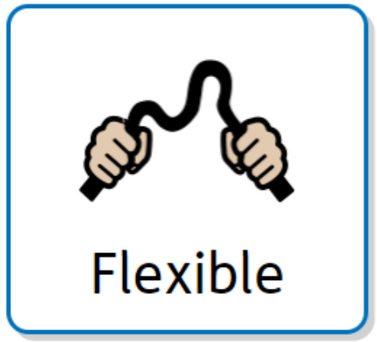
- **flexible** – can change shape easily



- **rigid** – cannot change shape easily







Types of rocks



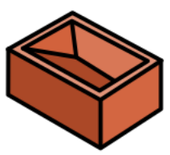
Rock



Stone



Pebble



Brick