Materials *Knowledge Organiser*

Explore materials

- **material** – what an object is made from



- **natural material** – a material that comes from animals, plants or the Earth



- **human-made material** – a material made by people



- **recycle** – to change rubbish into a material that can be used again



Wood, paper and cardboard

- **smooth** – an even surface



- **rough** – an uneven surface



- **flexible** – can change shape easily



- **rigid** – cannot change shape easily



Brick and rock

- **rock** – a natural material found on or underneath the Earth's surface



- **stone** – a small rock



- **pebble** – a small, smooth rock that has been shaped by water



- **brick** – a human-made building material



- **material** – what an object is made from

Glass and plastic

- **brittle** – easily broken



- **flexible** – can change shape easily



- **transparent** – materials you can see through



- **translucent** – materials that you cannot see clearly through



- **opaque** – materials you cannot see through



Metal

- **hard** – not easily broken or bent



- **flexible** – can change shape easily



- **rigid** – cannot change shape easily



- **shiny** – a surface that can reflect light easily



- **dull** – not clear, bright or shiny



Fabrics

- **fabric** – a material made from weaving or knitting threads together





- **flexible** – can change shape easily



- **tough** – not easily broken



- **lightweight** – thin and light

