

Year 2 – Use of everyday materials

Knowledge

- To know that some materials are more suitable than others for specific uses.
- To know how the shape of some solid objects can be changed in different ways.

Skills

- **Gathering and recording data to help in answering questions.**

This could be achieved by completing a table looking at how materials can be changed. Does it bend? Does it squash? Does it twist? Does it stretch?

- **Perform simple tests.**

This could be achieved by investigating the suitability of a material based on **multiple properties**. Bendy, waterproof and strong. E.g. a cover for a picnic basket.

(Comparative testing).

<u>Vocabulary</u>	
Waterproof	Cardboard
Absorbent	Stretchy
Opaque	Stiff
Transparent	Shiny
Brick	Dull
Fabric	Squash
Elastic	Twisty
foil	stretchy

Preload

- Sound – suitability of materials to make a musical instrument
- Forces – suitability of materials e.g. to make a fridge magnet
- States of matter – properties of a range of solids