

Parsonage Farm Nursery and Infant School

Year 2

Science

Autumn 2

Knowledge

- ❖ Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
- ❖ Know how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.



Prior Knowledge (Year 1)

- ❖ There are many different materials that have different observable properties.
- ❖ Materials that have similar properties are grouped into metals, rocks, fabrics, wood, plastic and ceramics (including glass).

Key Questions - What is the best material to use for a particular purpose? How can you change the shape of a material?

Key Vocabulary

- ❖ *absorb*
- ❖ *crumbly*
- ❖ *property*
- ❖ *suitable*
- ❖ *strongest*
- ❖ *flexible*
- ❖ *physical force*
- ❖ *waterproof*
- ❖ *absorbent*

Skills

- ❖ Make comparisons of materials.
- ❖ Observe closely.
- ❖ Identify and classify uses of materials.
- ❖ Collect and record information.
- ❖ Perform simple tests

Safeguarding

- ❖ Dangerous material e.g. sharp edges.
- ❖ Small pieces e.g. Lego etc...
- ❖ Practical test may involve water.

