

Year 2 Spring 1 – Marvellous Materials

Key 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.
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Key Skills

- I can identify different everyday materials and their properties.
- I can compare the suitability of everyday materials for particular uses.
- I can identify objects that can change shape by bending, twisting, stretching and squashing.
- I can identify materials used around our school and explain why they have been used.
- I can explain why different materials are used for the same object.
- I can prove which material would make the best mop.

Do you remember learning?

- The properties of everyday materials in Year 1 (Medieval Madness).

Key Vocabulary

materials	fabric
objects	leather
properties	wood
opaque	wool
transparent	brick
waterproof	cotton
smooth	plastic
rough	flexible
investigate	experiment

Materials and their properties

Metals  Strong Shiny Good electrical conductors The scissors are made from metal. 	Plastics Transparent?  Waterproof Strong Plastic can be used to make toys, bags and bottles. 	Glass Transparent Thick glass = strong  Windows and glasses are made from glass. 
Wood Strong  The picnic table is made from wood.	Fabrics Absorbent  Flexible Good Heat Insulator  Fabrics can be used to make clothes. 	Which is the strongest?   Which is a good heat insulator?   Can name some materials that are magnetic?