

Y2 Science – Everyday Materials

Knowledge

To identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.

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

To think about unusual and creative uses for everyday materials.

To identify the material/s that objects are made from.

To test and record the properties of objects



Cross Curricular links/Past knowledge

Previous knowledge

Year 1 Science – Everyday materials unit - exploring, comparing and talking about different materials using different words to describe.

Cross curricular links

Topic – The world we live in and The importance of trees
Design and Technology – using different materials to make a model of a train.

Geography – looking at the town we live in – Swindon and the railway and bridges.

Art – to use different natural materials to create a sculpture.

Vocabulary

Type of materials – wood, plastic, glass, metal, stone, brick, leather, fabric
properties, natural, man-made, stretchy, squashy, bendy, twisting, absorbent/not absorbent, describe, compare, sort, predict, explore, observe, classify materials suitable and not suitable for a particular purpose

Working Scientifically

- I am beginning to ask questions that lead to an enquiry.
- I can describe what happened & make some comparisons.
- I can use my observations and ideas to suggest answers to questions.
- I can perform simple tests.
- I can use my observations and ideas to suggest answers to my questions.
- I can gather and record data to help me answer questions.
- I can make relevant observations & use basic equipment to take measurements.
- I can use drawings and labels to present evidence. I can use prepared tables & bar charts.