

Need to know

Everyday materials

Key knowledge and concepts for children

Year 1

- Recognise the difference between the name of an object and the material from which it is made.
- Identify a range of everyday materials including wood, plastic, glass, metal, water and rock.
- Describe the physical properties of everyday materials including hard/soft, stretchy/stiff, shiny/dull, rough/smooth, bendy/not bendy, waterproof/ not waterproof, absorbent/ not absorbent, opaque/ transparent.
- Understand how to group everyday materials according to their physical properties.

Year 2

- Understand how everyday materials can be used for more than one thing.
- Understand how different everyday materials can be used for the same thing.
- Understand why the properties of materials make them suitable or unsuitable for particular purposes.
- Recognise that squashing, bending, twisting and stretching can change the shapes of solid objects made from some everyday materials.

THIS IS AN EXAMPLE DOCUMENT

See the full block at:

<https://www.hamilton-trust.org.uk/science/year-12-science/exploring-changes/>