

Materials

I should already know:

- the difference between an object and the material from which it is made
- a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- the simple physical properties of a variety of everyday materials
- the names of materials and properties such as: hard/soft; stretchy/stiff; shiny/dull; rough/smooth; bendy/not bendy; waterproof/not waterproof; absorbent/not absorbent; opaque/transparent



bending



twisting



stretching



squashing



brick



slate

glass

wood

Vocabulary

suitable	When a material can be used for a specific reason
natural	Materials that occur in nature
Man-made	Materials that are made by humans
properties	Characteristics that can be observed or measured using your senses
classi fy	Arranging items into groups using their properties

By the end of the unit I should know:

- the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching
- that Charles Macintosh developed waterproofing