

Subject Specific Vocabulary

material	anything that is used to make something else
property	the way in which a material is described
obstacle	something that blocks the way
construction	the process of building something
stretchy	something that can pull apart without breaking; elastic
elastic	something that can pull apart without breaking; stretchy
force	a pressure applied to something that makes it change shape or move
bend	to shape or force something into a curved shape

Uses of everyday materials



By the end of this unit I will...

- identify different materials and their uses
- understand how to select the right materials to build a bridge
- explore and test the stretchiness of materials
- understand materials can change their shape by twisting, bending, squashing or stretching
- learn about Charles Macintosh and explore how materials are suitable for different purposes
- discover which materials change shape when making a road with John McAdam

Links to the National Curriculum:

- identify and compare the suitability of a variety of everyday materials
- find out how the shapes of solid objects made from some materials can be changed

What do I already know?

- there are different materials including glass, plastic, wood and metal
- things are made from different materials
- there are materials that are best suited for their uses i.e. glass for a window, brick for a house
- materials have properties including strong, bendy, soft, hard