

Uses of materials

**Year 2
Science
Autumn 2**

What is this topic?

This topic is all about the different uses of materials. It is about discovering the differences between different everyday materials and the most appropriate use for each material. It includes looking at the properties of everyday materials and which can be found naturally and which have to be made.



Key knowledge

- ❖ Some materials can be found naturally but some have to be made.
- ❖ John McAdam created a new type of pavement called tarmac.
- ❖ Charles Macintosh created waterproof fabric and had a raincoat named after himself.

Key Vocabulary

materials	A material or object that may be used every day.
Comparing	Estimate or measure similarities and differences in things.
Waterproof	Water cannot get through it.
Solid Material	A sample of matter that keeps its shape when pressure or force is applied.

What will I learn?

- ❖ Some materials are used for more than one thing and have several uses.
- ❖ The properties of metal, plastic, glass and fabric.
- ❖ Which materials are suitable for which purpose.
- ❖ Who developed useful new materials.
- ❖ Which materials are waterproof, which float and which sink.
- ❖ How to compare materials.