

Exploring Everyday Materials



Wood



Glass



Plastic



Stone



Chalk



Nylon



Leather



Metal



Plasticine

What I should already know:

- The names of everyday materials and how we would describe these.
- The materials everyday objects are made from.

What I will learn:

- I will learn about a variety of everyday materials and their properties.
- I will understand the differences between natural and man-made materials and how these are made.
- I will think about how properties of materials impact their suitability for different uses and what they can be made into.
- I will also learn about famous scientists who studied materials and created new amazing inventions- John Loudon McAdam, Charles Macintosh and John Boyd Dunlop.

Key Vocabulary

Man-made materials	Materials that humans have made from other materials. For example, plastic, glass and nylon.
Natural Materials	Materials that can be found in nature. For example, wood, stone, chalk and silk.
Properties	The qualities and characteristics of something.
Flexible	Capable of being bent
Rigid	Stiff/hard and unable to be bent. The opposite of flexible.
Transparent	Allowing light to pass through so that objects behind can be seen.
Opaque	Not able to be seen through.