

Linked scientists

Charles Macintosh – Chemist and inventor of waterproof clothing

Key Vocabulary

Material	Materials are what objects are made from
Properties	This is what a material is like and how it behaves (soft, stretchy, waterproof)
Transparent	A material which allows light to pass through and that you can see through clearly.
Translucent	A material which allows some light to pass through but is not clear.
Opaque	A material which does not allow light to pass. You cannot see through it.

Types of material



Properties of Materials



What I will know by the end of the unit

The suitability and uses of everyday materials

We use different materials for different objects.

Materials are used for more than one thing – metal can be used for coins, cans, cars and table legs.



Some objects can be made from different materials – a spoon could be metal, plastic or wooden.



The shape of some solid materials can be changed

Squash an object by pushing both hands together.



Bend an object by grabbing both ends of the object and bringing the ends inwards together.



Twist an object by turning your hands in opposite directions.



Stretch an object by pulling your hands slowly and gently apart.



