



What I should already know

- Some things are made of wood or plastic.
- Different materials feel different - hot, cold, prickly, smooth.

What I will be able to answer

- What is the object and what material is it made of?
- What materials are around you?
- What are the properties of different materials?
- What would be the best material for an umbrella and why?

Useful Links:

<https://www.sciencekids.co.nz>
<https://www.ase.org.uk/resources/search/7-11-14/topic/materials-40>

Sticky Knowledge

- Name an object and what it is made from e.g. a table is made of wood.
- Wood is a natural material and plastics are manmade materials.
- Metal is usually strong, smooth, waterproof, cold sometimes not flexible.
- Wood is strong but can be damaged by weather and is not usually flexible.
- Plastic is strong, waterproof, can be flexible but can damage the environment.



Key Vocabulary:

Flexible - can change shape.

Manmade - made by humans.

Material - what an object is made out of

Metal - can be manmade and natural - usually hard, cold, hardwearing that coins are made out of.

Natural - you find it in the nature e.g. growing in a forest.

Plastic - is a manmade material that can be changed into different shapes.

Properties - describe what a material is like e.g. hard, soft, smooth, flexible, rigid.

Waterproof - does not allow water through.

Wood - natural material that comes from trees.