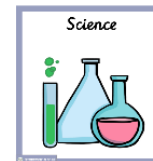


Science Knowledge Organiser

Bright Lights, Big City



I already know:

- Some names of different materials.
- How to ask simple scientific questions
- How to explain to others what I have found out.
- How to identify and classify things.

Key Vocabulary:

material	what object is made from.
properties	things that describe a material
natural	material that comes from plants, animals, or the ground
man-made	material created by people

I will learn:

- to distinguish between an object and the material it's made from.
- the materials an object is made from.
- the difference between wood, plastic, metal, glass, water and rock.
- about the properties of everyday materials.
- to group objects based on the material they are made from.

Wood



We can make tables, chairs and some toys from wood because it is hard. It can be rough or smooth.

Metal



We can make cars, spoons and some musical instruments from metal because it is hard and smooth. You can't see through it.

Glass



We can make windows, mirrors and glasses from glass because it is hard and see-through. It is very fragile.

Plastic



We can make toys and food packaging from plastic because it is smooth and strong. It can be hard or bendy.

Rubber



We can make wellington boots, car tyres and bouncy balls from rubber because it is squashy and waterproof. You can bend it.

Paper



We can make wrapping paper and books from paper because it is smooth. It can tear easily.

Rock



We can make tiles and some jewellery from rock because it can be hard. Some rock can also be fragile.

Fabric



We can make clothes and bedding from fabric because it is soft. It is usually smooth.

Brick



We can make buildings from brick because it is very hard. It can be rough.