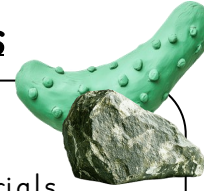


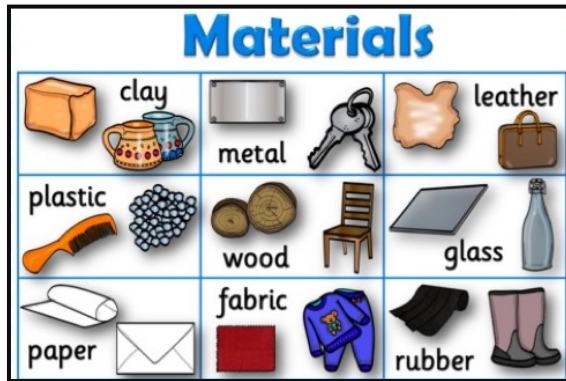


# What Is It Made Of? Everyday materials



## 1. What material is it?

- materials are all around us
- we can classify the material by what it is made from
- some common materials are: wood, plastic, glass, metal, leather and rock



## 2. Are all materials the same?

We can categorise, sort or group materials by looking at their textures. We can use words like: hard/ soft, rough/smooth, stretchy/stiff, shiny/dull, bendy/not bendy.

## 3. Are the properties of all materials the same?

- properties of materials help us to decide what they will be used for (their purpose)
- describe the properties of materials by using words like: opaque, absorbent, waterproof and see through.



## 4. Where do different materials come from?

- different materials come from different places

Things made from:

- wood come from trees
- cotton comes from plants
- wool comes from sheep
- metal comes from the core of the earth



## 5. What is the best material for a raincoat?

Investigation: Which material is most waterproof?

During this investigation we will explore the properties of different materials, we will then make decisions about these materials and their purposes.

This will help us to decide which material would be best for making a waterproof coat for a Victorian child.



## Stephanie Kwole

She was an American chemist who invented a very strong plastic called Kevlar. It is best known for its use in bulletproof vests. She was born in 1923 and died in 2014.



By having access to education, we are able to learn and achieve our dreams. Because Stephanie Kwole had the right to education, she was able to become a scientist and make the world a better and safer place.

waterproof	something that keeps water out
elastic	able to stretch and be returned to its original shape or size
stretchy	able to stretch or be stretched easily
opaque	not able to be seen through