# The Knowledge - The things I need to know and remember



## Key Knowledge



These videos will help you to learn about different materials and their properties

https://www.youtube.com/watch?v=XnkQcP-RHCw



https://www.youtube.com/watch?v=IK6C-XjD dQ



ttps://www.youtube.com/watch?v=xOKr462HLc0



https://www.youtube.com/watch?v=JCKSMsbpn1Y



https://www.youtube.com/watch?v=AhrZ7bTwQ54

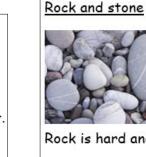




# We are word collectors

Make sure you know the types of materials. We will also be learning the difference between and object and the material it's made from.





Rock is hard and rigid.

It is opaque and does not stretch.

1. Make sure you can identify the materials that different objects around you are made of, so you can sort them into groups.



Paper and cardboard

Paper and cardboard are opaque.

They are quite bendy.



Glass is hard and rigid.

It is usually transparent.

It is smooth but it does not stretch.

### Wood





Wood is hard and rigid.

It is opaque and it does not stretch.

Here are some words we will use to describe the properties of different materials:

hard/soft, bendy/stiff, shiny/dull, rough/smooth, opaque/transparent, stretchy

2. Make sure you understand what the properties of materials are, so you can describe them



Metal is hard and opaque.

It is usually shiny.

It can be bendy but it does not stretch.

### Fabric



Fabric is soft and bendy.

It is opaque and it can be stretchy.