

What materials are objects made of?



wood



metal



rubber



plastic



water



fabric



glass



rock



Significant scientist Charles Macintosh

He invented a waterproof material from fabric and rubber. People used this material to make a waterproof coat called a Macintosh.



Y1 Everyday Materials

Key Vocabulary

material

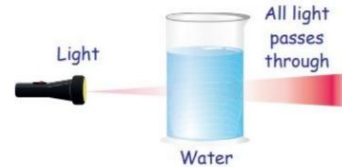
The substance used to make something is called a material.

property

words that describe what something is like.

transparent

Transparent objects are easy to see through



opaque

We can't see through opaque objects



soft

Soft objects are easy to cut fold or change shape.



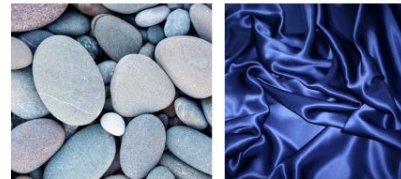
hard

Hard objects do not break or change shape easily



smooth

Smooth objects have an even surface with no bumps



rough

Rough objects have an uneven surface. They are bumpy.



absorbent

Absorbent materials soak up liquids easily



waterproof

Waterproof materials keep out liquids.



Which materials could be used to make sunglasses? Why?

The frame of the sunglasses needs to be hard, smooth and waterproof so we could use plastic, metal or wood. The lenses need to be transparent and waterproof, so we could use clear plastic or glass. We should not look at the sun wearing sunglasses. Our homemade sunglasses cannot protect our eyes like the sunglasses we buy.

