

Key Vocabulary

Word	Meaning
materials	the stuff an object is made out of
senses	a person or animal obtains information about the physical world
waterproof	Will not soak up liquids
absorbent	Can soak up liquids
transparent	Can see through it
opaque	Can't see through it
rough	Uneven/ bumpy
smooth	Not rough or uneven
object	something that can be seen or touched


Properties of Everyday Materials

Knowledge

'Material' is the stuff an object is made out of.

Plastic is made from oil.

Wood comes from trees.




Katharine Blodgett, General Electric's first female scientist, discovered a way to eliminate glare and distortion on glass which revolutionised cameras, mi-

Useful links: Everyday materials song
<https://www.youtube.com/watch?>



hard not easily broken, bent or cut

stretchy can be made longer or wider without breaking

soft not firm to the touch

stiff not easy to bend out of shape

shiny reflects light off its surface

bendy is flexible and can be bent

rough uneven and bumpy surface

smooth an even surface with no bumps

absorbent can soak up liquid

waterproof will not soak up liquid

opaque can't see through it

transparent can see through it

UMBRELLA

METAL tube to make the umbrella strong

WOODEN handle for good grip and comfort

FUN FACTS: The most common metal found on our planet is iron.

5 Senses



Learning Outcomes

- describe materials using their senses.
- describe materials using specific scientific words.
- hard/soft; stretchy/stiff; shiny/dull; rough/smooth; bendy/not bendy; waterproof/not waterproof; absorbent/not absorbent; opaque/transparent
- explain what material objects are made from.
- explain why a material might be useful for a specific job.
- name some different materials.

