

Science-Materials-Year 1 Autumn Term

Prior Learning:

In Reception you were taught to:
Children talk about similarities and differences of materials.
To make observations and talk about change.

Key Vocabulary

Material	A substance that something can be made from.
Properties	What a material is like or how it behaves.
Natural	A material that is taken from the environment.
Man-made	Materials that are made or developed by humans .
Plastic	A man made material made from chemicals.
Wood	A natural material which comes from trees.
Iron	A natural metal found in the ground.
Wool	A man made material made the fur of an animal.
Paper	A man made material made from wood.

Leo Hendrik
Baekeland
Invented plastic.



Materials and Their Properties



Materials and Their Properties



dull

lacking shine
or brightness



The moth's wings are dull.

rough

uneven,
irregular surface



The log has rough bark.

absorbent

able to soak
up liquid



The sponge is absorbent.

rigid

unable to be
bent or forced
out of shape



Stone is rigid.

shiny

reflects light,
smooth surface



A shiny silver spoon.

smooth

an even and
regular surface



Some smooth pebbles.

waterproof

repels water
and liquids



A waterproof coat.

flexible

able to bend



A flexible spring.



Can I answer:

-Name this object and tell me what it is made from?

Name five different materials found in this room?

Describe the properties of these two objects?

Group these objects and explain why?