

Everyday materials

Physics



What should I already know?

I can build things with different materials.

Vocabulary



Materials



Anything used for building or making something else.

Properties



A feature that something is known by.

Plastic



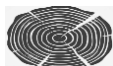
A manmade material that can be shaped when soft.

Metal



A strong material shaped under heat or pressure.

Wood



The hard material that forms a tree.

Glass



A hard, transparent material that breaks easily.

Fabrics



Cloth that is woven or knitted.

Absorbent



Able to soak up liquid or moisture.

Waterproof



Not letting water through.

Insulator



Anything that does not carry heat, electricity, or sound.

Flexible



Easily bent without breaking.

Rigid



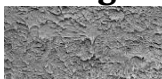
Difficult to bend.

Smooth



Having an even surface.

Rough



An uneven surface.

Quick



Facts

Plastic



Man-made
Strong
Waterproof
of Melt

Metal



Strong
Hard
Shiny

Glass



Thick glass can be strong.
Thin glass breaks easily.

Wood



Strong
Flexible
Long-lasting

Fabric



Flexible
Warm
Stretchy
Absorbent

Some objects can be made of more than one material.



Materials can be described in different ways.

Hard or soft
Smooth or rough
Dull or shiny
Flexible or rigid
Waterproof or absorbent

Working Scientifically



Questioning, Planning and Enquiring



Investigating



Observing and Recording



Concluding and Evaluating