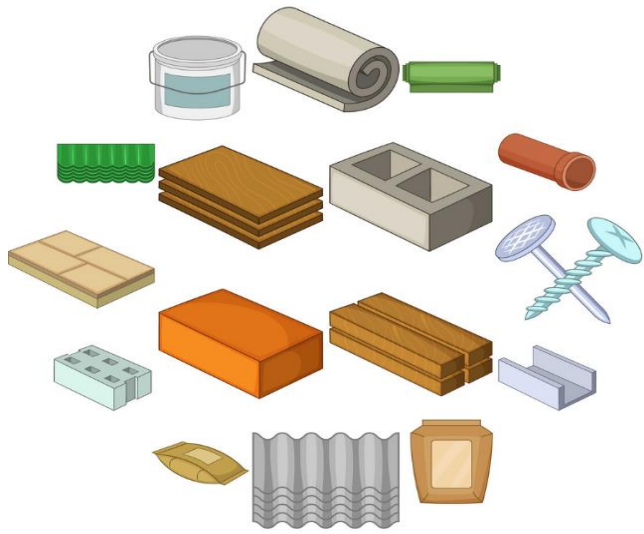


EVERYDAY MATERIALS properties & types



Overview



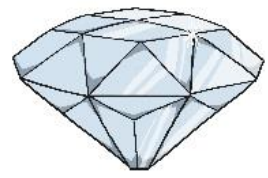
Materials are the substances that things are made from.

Different materials have different **physical properties**, which make them useful for different things.

We use different materials to make different things e.g. wooden tables, plastic bags, glass windows and metal scissors.

Matter (stuff) is made from tiny building blocks.

Properties of Materials



hard



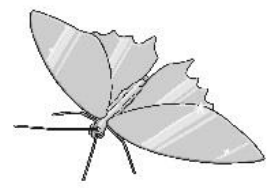
soft



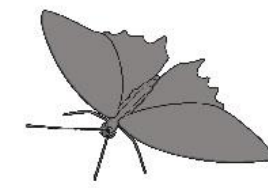
stretchy



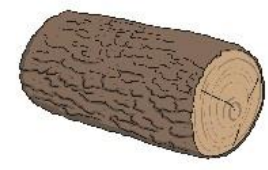
stiff



shiny



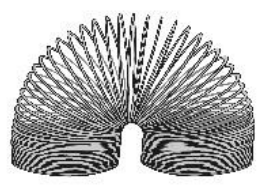
dull



rough



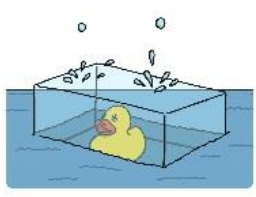
smooth



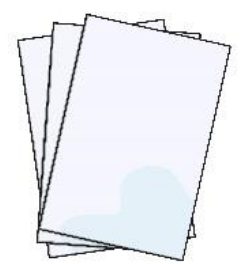
bendy



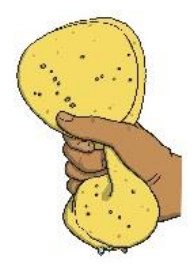
not bendy



waterproof



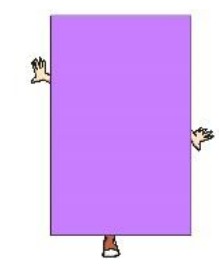
not waterproof



absorbent



not absorbent



opaque



transparent

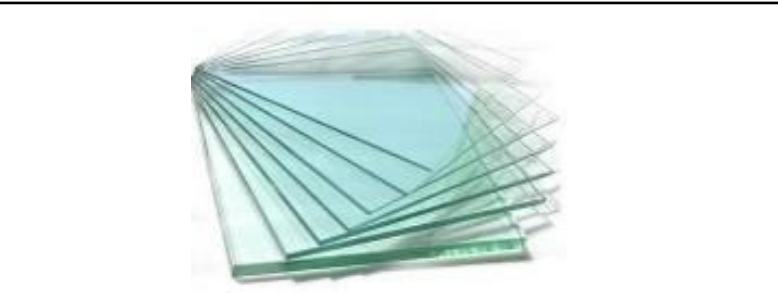
Types of Material



Wood is made from trees.
 Wood is a hard and strong material.
 Woods include oak, pine and ash.



Plastic is a **man-made** material which can be made from lots of different materials.
 Plastic can be tough or bendy, and so it is used for many different purposes.



Glass is made from fine sand.
 Glass is very strong and clear (transparent).



Metals are made from rocks.
 Metal is strong and shiny.
 Metals include aluminum, iron and steel.



Water is a **natural material** found all over the world.
 Water is clear and can take many shapes. It can be frozen into ice or heated into gas.



Rocks are a natural material formed over a very long time.
 Rocks are hard and good for building many things.

Soft Materials

Hard Materials

- Wool
- Fabric
- Cotton
- Polystyrene
- Paper
- Rubber
- Plastic
- Wood
- Glass
- Concrete
- Diamond