

Knowledge Organiser - Properties of Materials (Year 2)



Key Vocabulary	Definition
Material	Anything used for building or making something else.
Properties	A quality that something is known for.
Absorbance	Able to soak up liquid or moisture.
Waterproof	Not letting water through; not absorbent.
Transparent	Letting light pass through and giving a clear view of objects on the other side.
Translucent	Letting only some light through so that what can be seen on the other side is not clear.
Durable	Not easily broken or worn out; lasting; sturdy.
Flexible	Easily bent without breaking.
Soft	Easy to bend or shape; not firm or hard.
Opaque	Not letting light pass through.
Bounce	to spring back or up after hitting something, or to do so several times in a row.



Material	Properties	Uses
Wood	Opaque, hard, strong	Door, chair
Glass	Transparent, waterproof	Window
Metal	Shiny, hard, smooth	Coin, fork
Plastic	Waterproof, transparent	Water bottle
Fabric	Stretchy, opaque	Clothes

Transparent	Translucent	Opaque
Transparent objects allow all of the light to pass through them. This means that we can clearly see through them.	Translucent objects only allow some light to pass through them. This means that we can partially see through them.	Opaque objects do not allow any light to pass through them. This means we cannot see through them at all.