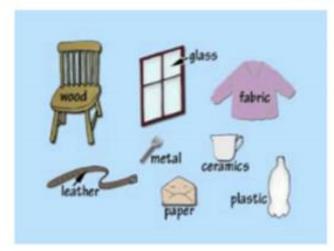
Knowledge Organiser - Properties of Materials (Year 2)



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 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.	