

Uses of Everyday Materials

Materials	Properties	Uses
Wood	A hard material from a tree	Door, chair
Metal	A solid material which is hard and shiny	Coin, fork
Glass	A transparent material used for windows	window
Plastic	A man-made material that can be used to make toys	Water bottle, toys
rough	An uneven or irregular surface	
smooth	An even and regular surface	
transparent	Lets light through, can see through	
opaque	Blocks light, cannot be seen through	
shiny	Reflects light	
stretchy	Able to stretch	
rigid	Not easy to bend or change	
absorbent	Lets in water	
repel	Does not absorb liquid, liquid stays on the surface	



Charles Macintosh

Macintosh experimented with various chemicals and found that a by-product of tar was able to dissolve India rubber, found in trees, and that the resulting paste was able to repel water.



John McAdam

McAdam noticed that highways were in poor condition and carried investigations to improve the condition of roads. He recommended using large rock, smaller stones and covering these with fine gravel.