

KNOWLEDGE ORGANISER

Materials

Materials Vocabulary

Hard

Not easy to break

Soft

Easy to fold, cut or change shape

Stretchy

Can be made longer or wider without breaking

Brittle

Hard, but may break easily

Shiny

Reflects light easily

Dull

Not very shiny or bright

Squashy

Easily crushed or squeezed

Rough

Has an uneven surface

Smooth

An even surface with no lumps or bumps

Bendy

Can be bent easily

Waterproof

Keeps water out

Absorbent

Easily soaks up liquid

Transparent

Easy to see through

Opaque

Cannot be seen through

Plastic is a waterproof material

Wood is a strong material

umbrella



water bottle



raincoat



bridge



table



chair

Properties of materials.

Wood:



Hard, strong

Metal:



Hard, strong, shiny

Plastic:



Strong, shiny, bendy

Water:



Runny, wet, clear

Glass:




Transparent, smooth, brittle

Rock:



Hard, strong, rigid

CHARLES
MACINTOSH
1766-1843



Scottish chemist and inventor of waterproof fabric. His process involved painting a dissolved rubber solution into cloth. The Macintosh raincoat is named after him.