



Ettington Primary School

Knowledge organiser

Materials

Year 1

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
Transparent - easy to see through
Opaque - cannot be seen through



stretchy



wood



absorbent



waterproof



dull



shiny



not bendy



soft



glass



metal



water



rock



not waterproof



not absorbent



smooth



plastic



materials



opaque



stiff



hard



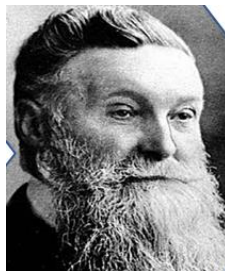
rough



bendy



transparent



John Dunlop 1840-1921
 Scottish engineer and veterinary surgeon. Made rubber devices and invented the pneumatic tyre, developed the use of them in cycle racing.



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.

Glass:



Transparent, smooth, brittle

Rock:



Hard, strong, rigid

Plastic:



Strong, shiny, bendy

Water:



Runny, wet, clear

Wood:



Hard, strong

Metal:



Hard, strong, shiny

