

Year 2: Chemistry—Everyday Materials

Everyday materials for humans



Wood – natural product that is cut from trees. Is strong, flexible and long lasting.



Metal – comes from Ore in rocks. Strong, hard, shiny and long lasting.



Plastic – Made from chemicals. Flexible and can be stretched, into any shape, dyed and transparent.



Glass – Made from sand and other minerals melted at high heat. Strong and transparent.



Rock – solid and natural to the earth. Strong and can be sculptured.



Water – Liquid and natural to earth. Flexible. Can be poured, frozen and turned into a gas.

How materials can be changed



stretching



twisting



bending



squashing

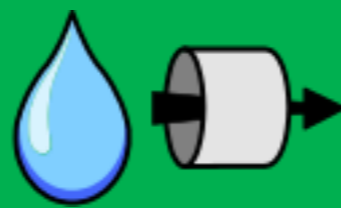
Absorbency and waterproofing



Absorbent – let liquid in and holds them.



Waterproof – doesn't allow water to pass through



Porous – allows liquid to pass through.

Charles Macintosh



- Born in Scotland – 1766.
- Studied Science in his spare time.
- He experimented ways to use chemicals to make new materials.
- He discovered a waterproof Material and invented the waterproof coat.

