

Vocabulary

material – the substance that an object is made from

properties – the characteristics of materials eg rigid

opaque – cannot be seen through
transparent – completely see-through

absorbent – will hold water

waterproof – resists water

rigid – will not bend

flexible – bendable

soft – something that is easy to bend or shape – not firm or hard.

hard – not soft or firm

rough – an uneven, bumpy or scratchy surface

smooth – an even, flat surface that is not rough

Chemistry Science Y2: Materials

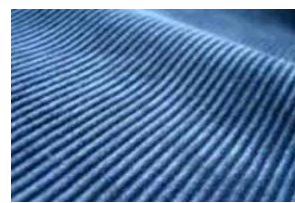
Key Knowledge

Everything is made from materials.

Materials all have properties/characteristics.

Objects are made from materials that suit their purpose eg windows are made of transparent glass.

Some materials can be changed by squashing, bending, twisting and stretching.



Scientists:

Charles Macintosh
(1766-1843)



This Scottish scientist rubberised a material to make a waterproof fabric. The macintosh coat is named after him.

Links to prior learning:

- Identifying everyday materials and describing simple properties eg wood is hard, glass is transparent (Y1)

Links to other subjects:

- English – nouns and adjectives poem
- Maths – recording using tallies