

Sticky Knowledge

An object is a thing that is not alive.

A material is what an object is made from.

Some common materials are plastic, wood, metal, glass, water and rock.

Different objects can be made from different materials.

Some objects can be made from more than one material.

Scientific skills I will develop





To perform simple tests

To identify and classify



















Vocabulary

Everyday Materials

| | | | |
|--|--|---|---|
| metal  | glass  | plastic  | wood  |
| rock  | fabric  | brick  | paper  |

Material Properties

| | | | |
|--|---|---|---|
| waterproof  | absorbent  | hard  | soft  |
| dull  | shiny  | stretchy  | stiff  |
| rough  | smooth  | bendy  | not bendy  |
| transparent  | opaque  | translucent  | brittle  |

Leo Baekeland

Invented the first type of plastic in 1907.

Born in Belgium but lived most of his life in America.

He was a chemist and carefully mixed chemicals together which he heated and then cooled to see what would happen.

He finally found a mixture which when cooled was hard and smooth.



