



Y1 Thinking like a scientist

Materials

Key Knowledge:

- There are natural and man-made materials
- Materials have different properties

Different materials:

Natural objects



Man-made objects



Objects floating



Objects sinking



Objects which absorb water



Objects which repel water



Key Vocabulary

material	anything that is used to make something else
fabric	a piece of cloth
wood	a material that comes from trees
plastic	a man-made material that can be melted to change its shape
metal	a shiny and strong material that is found in the ground
property	a characteristic of something
opaque	not letting light pass through
transparent	see through

Learning Questions

Can I identify and name a variety of everyday materials, including wood, plastic, glass, metal, water and rock?

Can I distinguish between an object and the material it is made from?

Can I describe the simple physical properties of a variety of everyday materials?

How do I compare and group together a variety of everyday materials on the basis of their simple physical properties?

Can I compare and group together a variety of everyday materials on the basis of their simple physical properties?

What else do you know?

Different objects	Objects made from materials
fabric	shirt
metal	bolts
wood	chair
plastic	bottle
opaque	transparent