



**Y1 Thinking like a scientist**

**Materials**

**Key Knowledge:**

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

**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
<b>fabric</b>	<b>shirt</b>
<b>metal</b>	<b>bolts</b>
<b>wood</b>	<b>chair</b>
<b>plastic</b>	<b>bottle</b>
<b>opaque</b>	<b>transparent</b>