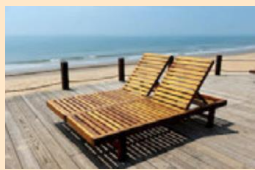


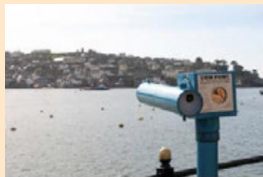


Science - Pippin Class

Materials



Wood comes from trees. It is often used to make furniture. It is hard, strong and long-lasting.



Metals are a natural material that are found underground. They are strong, hard and shiny.



Plastics are a man-made material. They are made from chemicals in factories. They can be strong, flexible and waterproof.



Rock is a natural material that makes up part of the surface of the Earth. It is hard and rigid.



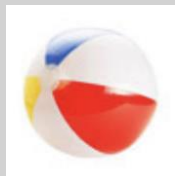
Glass is created by melting sand at high temperatures. It is usually transparent. When thin, it can easily break.

We can sort and group objects according to the properties they have:

Flexible



Hat



Beach ball

Rigid



Bucket and spade

Shell



Key Vocabulary

material	What an object is made from
soft	not hard or firm, changes its shape when pressed or squashed
hard	Not soft, solid and firm
rigid	Stiff, not bendy
solid	Hard and firm, keeps its shape.
flexible	Can be bent without breaking
rough	Has an uneven surface
smooth	Has an even, flat surface
shiny	Bright, reflects light
dull	Not bright
transparent	See-through
opaque	Not see-through

Think:

Why is plastic a good material to make a bucket and spade from?

Why is metal not a good material to make a beach ball from?

Why are some objects made from more than one material?