

Key vocabulary

<i>suitable</i>	has the properties which are correct for a specific purpose
<i>unsuitable</i>	does not have the properties which are correct for a specific purpose
<i>transparent</i>	materials which can be clearly seen through
<i>opaque</i>	materials which cannot be seen through
<i>compare</i>	to look for what is the same and what is different
<i>flexible</i>	can be bent easily without breaking

Key knowledge

- The properties of materials make them *suitable* or *unsuitable* for particular purposes.
- More than one material may be *suitable* for a particular purpose.
- Some objects can be bent, stretched, squashed and twisted.

Squash an object by pushing both hands together.



Bend an object by grabbing both ends of the object and bringing the ends inwards together.



Twist an object by turning your hands in opposite directions.



Stretch an object by pulling your hands slowly and gently apart.



Properties of Materials



wood:
hard, stiff,
strong, opaque,
can be carved
into any
shape.



glass:
waterproof,
transparent,
hard, smooth.



fabric:
soft, flexible,
hard-wearing,
can be stretchy,
warm, absorbent.



plastic:
waterproof,
strong, can
be made to be
flexible or stiff,
smooth or rough.



metal:
strong, hard,
easy to wash.



rubber:
hard-wearing,
elastic, flexible,
strong.



paper:
lightweight,
flexible.



cardboard:
strong, light,
stiff.

We are building our
knowledge from
Everyday Materials
(Year 1)

This will help us
learn about
Rocks (Year 3)