

Science:

'Materials'

I should already know: -

- > The names of some everyday materials, such as wood, plastic, glass, metal, water and rock.
- > Objects are made from materials.
- > How to describe some everyday materials (hard, strong, bendy, smooth).

Materials are used to make different things, based on their **properties**.



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



glass:
waterproof,
transparent,
hard, smooth.



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



metal:
strong, hard,
easy to wash.



paper:
lightweight,
flexible.



cardboard:
strong, light,
stiff.

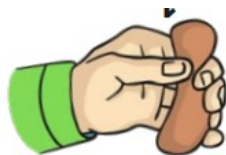


fabric:
soft, flexible,
hard-wearing,
can be stretchy,
warm, absorbent.



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

The shape of some materials can be changed by.....



squashing



bending



twisting



stretching

Key vocabulary:

materials - what objects are made from.

Properties— what a material is like and how it behaves (soft, stretchy, waterproof).

Suitability — having the properties that are right for a specific purpose (e.g. glass is suitable for a window because it is transparent/see-through).

Absorbent—a material that soaks up liquid easily.

Opaque—not see through.

Transparent— see through.

Waterproof—does not let water pass through.