



## Everyday Materials

### Key Vocabulary

<b>materials</b>	what objects are made from
<b>properties</b>	what a material is like and how it behaves (soft, stretchy, waterproof)
<b>waterproof</b>	when a material does not let water pass through it
<b>absorbent</b>	when a material takes in water
<b>opaque</b>	it does not let any light through so the material can't be seen through
<b>smooth</b>	having a flat surface with no bumps
<b>rough</b>	having an uneven, bumpy surface
<b>bendy</b>	it is soft and flexible so can move in different directions

### Key Knowledge

Material	Properties
wood	hard, stiff, strong, opaque, and can be carved into any shape
glass	waterproof, hard, smooth, see-through
plastic	waterproof, strong, can be made to be bendy or stiff, smooth or rough
metal	strong, hard, shiny, easy to wash
paper	lightweight, bendy
fabric	absorbent, bendy, can be waterproof
rock	Hard, strong, opaque and can be used for building

### Choosing the right materials:

It is important to choose the right materials to make different objects based on their **properties**. These **properties** make the material suitable for their purpose. For example, **glass** is used for **windows** so that they can be **see-through**. **Wood** is used for tables as it is **strong** and **hard**.

