

## Key Vocabulary

**material**

A **material** is what something is made of, such as wood or plastic.

**object**

An object is a thing that can be used, touched or seen. Doors, cars, chairs and marbles are examples of **objects**.

**properties**

The **properties** of a **material** tell us what it is like and how it behaves, such as whether it is **soft**, **rough** or **transparent**.

## Key Knowledge

There are lots of different types of **materials**.

wood



metal



water



plastic



glass



brick



rock



paper



cardboard



fabric



rubber



## Key Vocabulary

|                    |                                                                                      |
|--------------------|--------------------------------------------------------------------------------------|
| <b>hard</b>        | <b>Hard</b> things are less likely to be dented or scratched.                        |
| <b>soft</b>        | <b>Soft</b> things are easy to cut, fold or change the shape of.                     |
| <b>shiny</b>       | <b>Shiny</b> things are <b>smooth</b> and reflect light.                             |
| <b>dull</b>        | <b>Dull</b> things are not <b>shiny</b> and don't reflect light well.                |
| <b>stretchy</b>    | If something is <b>stretchy</b> , it can be pulled into a longer shape.              |
| <b>stiff</b>       | If something is <b>stiff</b> , it is not easy to <b>bend</b> or change the shape of. |
| <b>bendy</b>       | If something is <b>bendy</b> , it can bend easily without breaking.                  |
| <b>rough</b>       | <b>Rough</b> things feel and look uneven.                                            |
| <b>smooth</b>      | <b>Smooth</b> things feel and look even.                                             |
| <b>transparent</b> | <b>Transparent</b> things are see-through – light can pass through them.             |

**opaque****Opaque** things are not see-through – no light can pass through.**waterproof**Water cannot pass through **waterproof** things.**absorbent****Absorbent** things take in water.The glass window is **Transparent**.**Year 1: Disciplinary skills****Maths: Measures:** To know how to compare the weight of objects.**Classification:** To know how to use simple features to compare objects/materials and with help decide how to sort and group them**Control of variables:** To understand fairness when testing if materials are waterproof.The wall is **opaque**.This sponge can **absorb** water.These boots are **waterproof**.