

Science

Spring Term

# Materials

## Key Vocabulary

Materials	What something is made of, such as wood, glass or plastic.
Object	A thing that can be used, touched or seen. Doors, chairs, cars and bottles are all examples of objects.
Properties	The properties of a material tells us what is it like and how it behaves, such as whether it is soft, rough or transparent.

## 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.

- Materials are substances that things are made from.
- We use lots of different materials every day.
- Different materials have different physical properties which makes them useful for different things.
- Some materials are used to make different things.
- Some objects can be made from different materials.

<b>opaque</b>	<b>Opaque</b> things are not see-through – no light can pass through.
<b>waterproof</b>	Water cannot pass through <b>waterproof</b> things.
<b>absorbent</b>	<b>Absorbent</b> things take in water.

	rock 	paper 
wood 	metal 	water 
plastic 	glass 	brick 
cardboard 	fabric 	rubber 