



GTS BIG QUESTION

What are materials and how do we describe and group them?

★ AFL – Flashback to Foundation Stage What can we remember?

Children have already explored materials through play and investigation in EYFS.

By the end of this topic children will be able to:

- ✓ Identify common materials.
- ✓ Name simple properties.
- ✓ Match objects to the materials they are made from.
- ✓ Sort materials into simple groups.
- ✓ Describe materials using simple scientific vocabulary.

KEY VOCABULARY

material What something is made from.	object A thing that can be seen or used.	wood Comes from trees.	plastic Man-made and can be moulded.	metal Strong and hard.	glass Transparent and often hard.
paper Thin and can be written on.	card Thicker than paper and strong.	fabric Soft and can be flexible.	rubber Stretchy and bendy.	rock Natural and hard.	hard Not easy to bend or break.
soft Easy to press or squash.	rough Not smooth; feels bumpy.	smooth Flat and not bumpy.	shiny Reflects light.	dull Does not reflect much light.	waterproof Does not let water in.
					absorbent Soaks up water.

🧪 SUPER SCIENCE! – Thinking like scientists

Common materials



What are materials used for?

Many everyday objects are made from materials.



Simple properties



What is it made from?

Match each object to the material it is made from.



Sorting materials

Group by material or by property.



CURIOSITY



What new material might people invent in the future?

MAKE CONNECTIONS – TALK ABOUT IT!

Sharing experiences helps us better understand the materials around us and allows us to know more and remember more!

- Can you find three different materials in your kitchen?
- Why is your raincoat waterproof?
- What is your favourite toy made from?
- Can one object be made from more than one material?
- Which material would you choose to make a boat?



HOME LEARNING IDEAS

- ★ Go on a material hunt around your home.
- ★ Sort objects by the material they are made from.
- ★ Find something waterproof.
- ★ Find something soft and something hard.
- ★ Which objects are made from more than one material?

ASK ME...

- 💡 Why is a saucepan made from metal?
- 💡 Why aren't windows made from wood?
- 💡 Which material would you choose for an umbrella?
- 💡 Which material is the strongest?
- 💡 Can you think of something that is both soft and waterproof?

MY CHECKLIST

Can I...

- ☐ identify common materials?
- ☐ describe simple properties?
- ☐ match objects to materials?
- ☐ sort materials into groups?
- ☐ use scientific vocabulary?



I CAN'T DO IT...YET!

I can't do it...YET!
But I will keep trying!
YET means I am learning, growing and getting better.
Mistakes help my brain grow!
I believe in myself!



WELL DONE!



SUPER SCIENTIST!

