

FS2 Science Materials Spring 1

Communication and language

- Learn new vocabulary.
- Use new vocabulary through the day.
- Ask questions to find out more and to check they understand what has been said to them.
- Articulate their ideas and thoughts in well- formed sentences.
- Use new vocabulary in different contexts.
- Engage in non-fiction books.
- Listen to and talk about selected non-fiction to develop a deep familiarity with new knowledge and vocabulary.

Physical Development

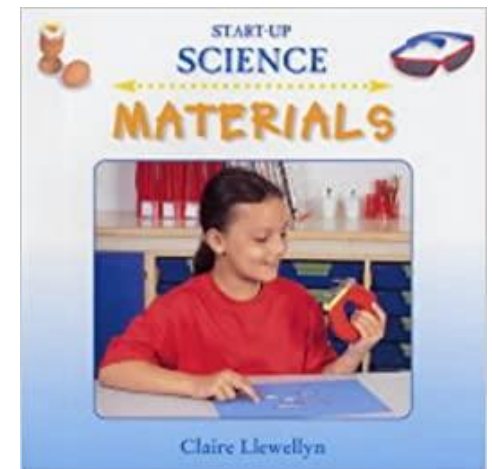
- Develop their small motor skills so they can use a range of tools competently, safely and competently.

Literacy

- Write short sentences with words with known sound-letter correspondences using a capital letter and full stop.

Understanding the world

- Comment on images of familiar situations in the past.
- Explore the natural world around them.
- Recognise some environments that are different to the one in which they live.



Vocabulary	
Investigate	To discover and examine the facts.
Natural	Things that exist in nature.
Man-made	Things that are created by people.
Waterproof	Does not let water pass through it.
Absorbent	Material that soaks up liquid easily.
Fabric	Cloth produced by weaving fibres.
Brick	Blocks of baked clay.
Foil	Sheets of metal as thin as paper.
Glass	A hard transparent material.
Metal	A hard substance such as iron or steel.
Rock	The hard substance which the earth is made of.
Wood	Material which forms trunks/branches of trees.
Plastic	A material which is light and does not break easily.
Transparent	An object you can see through.
Opaque	An object you cannot see through.

Useful websites
 BBC Bitesize
 Twinkl PowerPoint

Key Knowledge

- I know objects feel and look different based on the material they are made from.
- I know that objects are the things you can touch and see.
- I know objects are made from materials.
- I know which material to choose to make things.

Scientific skills

- I can use different materials when painting and making art.
- I can describe different typed of materials.
- I can carry out an investigation to test my ideas.
- I can explain my choices.

Diagrams/pictures/photos

Materials and their properties

Metals Strong Shiny Good electrical conductors The scissors are made from metal.	Plastics Waterproof Transparent? Strong Plastic can be used to make toys, bags and bottles.	Glass Transparent Thick glass = strong Windows and glasses are made from glass.
Wood Strong The picnic table is made from wood.	Fabrics Absorbent Flexible Good Heat Insulator Fabrics can be used to make clothes.	Which is the strongest? Which is a good heat insulator? Can name some materials that are magnetic?