

- Autumn Term 2

2022

Topic

Marvellous Materials



Key Vocabulary

Material

hard, soft, solid, bendy, rough,
smooth, fragile, stretchy,

Science

explore, investigate,
experiment, mix, test, result,
predict, explain

Recycling

reuse, rubbish, earth, sort,
separate

Homes and buildings

same, different, similar
roof, chimney, brick, strong,
warm, cool, house, live,
protect

Literacy and Phonics

ff ll ss j v w x y z zz qu ch sh th ng
nk

tricky words: put* pull* full* as
and has his her go no

We will be reading

Literacy

-Mrs Armitage on wheels by Quentin Blake

Topic enrichment books-

- Iggy peck architect
-The three little pigs
-Ada Twist Scientist

Knowledge and Understanding of the world.

To explore and make observations based on different materials and their purposes.

To learn about natural and manmade materials.

To investigate simple scientific changes and concepts for example - floating/sinking, ice/water, magnets, weather & seasons
To explore how our actions affect the earth - recycling

To know that different materials have different properties and they can be chosen for different uses.

To understand simple cause and effect - floating/sinking, ice/water, magnets, weather
To know that our actions affect the earth – recycling.

To know that different materials have different purposes.

To know that some materials are natural and some are manmade materials.

Physical Development

Using tools effectively to build and construct.

Handle and control tools and construction materials with increasing control.

Mathematics we will be covering this term:

Counting groups of objects accurately (real and drawn), including when groups are being combined or subtracted.

Counting groups of objects accurately (real and drawn), including when groups are being combined or subtracted.

Communication and language

To make comments and explanations based on their observations.

To use a range of vocabulary that is linked to specific topics.

To begin to talk about why things happen using new vocabulary learnt.

To be able to talk about how different people help us.

Expressive Arts and design

To use role-play to show how 'People who Help Us'.

Uses simple tools and techniques competently and appropriately.

Use a variety of construction kits to recreate buildings and homes.

To experiment with creating different things and to be able to talk about their uses.

To know that different resources are suitable for different tasks.

Mathematics

To find the total of 2 groups of objects.

To know that counting must be accurate and done in order.

To know different ways to help us count accurately.

To know that addition involves combining two or more groups of objects.

To begin to read addition number sentences.

To know that the word 'more' indicates that the group is getting larger.

To count the total within a group after some objects have been subtracted.

To explore and use different strategies to ensure accurate counting both of real objects and those drawn on a page.

To know that counting must be accurate and done in order.

To know that the word 'less' indicates that a group is getting smaller.

To know different ways to help us count accurately.

To know that the word 'less' indicates that a group is getting smaller.

To recognise and identify groups that have more/fewer objects.

To begin to recognise numbers automatically on a dice/card to 10.

To estimate how many objects are within a group of up to 10.

To know that an estimate is a sensible guess.

To make sensible estimates when looking at groups of objects before counting.

Personal, Emotional and Social Development

To begin to follow the rules and see what the effect they have is.

To understand that rules are there for a purpose.