



Everyday Materials

Science
Year 1
Spring Term

Overview

During this topic we will be exploring different objects and naming the material they are made from. We will also be using scientific vocabulary to describe their properties. We will be conducting different experiments and tests.



Knowledge & Understanding

In this unit, the pupils will:

- distinguish between an object and the material from which it is made
- identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- describe the simple physical properties of a variety of everyday materials
- compare and group together a variety of everyday materials on the basis of their simple physical properties.

Enquiry Skills & Concepts

In this unit, the pupils will be:

- asking simple questions and recognising that they can be answered in different ways
- observing closely, using simple equipment
- performing simple tests
- identifying and classifying
- using their observations and ideas to suggest answers to questions
- gathering and recording data to help in answering questions

Home – School link project

During this topic pupils can choose to:

- find different materials around the home
- design and make a waterproof coat for your favourite teddy

Topic Vocabulary

absorbent – able to soak up liquids

bendy – bends easily into a curve without breaking

dull – not bright or shiny or has little colour

stretchy – easily pulled in opposite directions

material – something is made from

rough – having an uneven surface

shiny – bright or glowing

smooth – an even surface, not rough

stiff – not easy to bend

waterproof – not letting water through

Working Scientifically

compare – to describe similarities and differences

describe – to tell or write about something in pictures or words

equipment – objects used for a purpose

explore – to find out more about something

measure – to find out the size or amount of something

observe – to look closely

predict – to guess what will happen using other knowledge

record – to write down findings