

Year 1 – Everyday Materials (Physics/Chemistry)

Working Scientifically Focus: Setting up tests and enquiries/ Recording Data

Prior learning:

EYFS

Know about similarities and differences in relation to places, objects, materials and living things.

Talk about the features of own immediate environment and how environments might vary from one another.

Talk about changes.



Key Vocabulary:

object

Something you can touch.

material

What an object is made from.

waterproof

Something that keeps water out.

absorbent

Types of material that sucks up liquid.

wood

A hard material found on the branches and trunks of trees and shrubs.

plastic

A kind of material that is made by people and can be formed into almost any shape.

glass

A hard material that can be made in many shapes.

transparent

Something that allows light to completely pass through it, so you can see clearly through it.

opaque

Something that cannot be seen through and does not allow light to pass through it.

In this topic, we are learning to:

- Distinguish an object from a material and how it is made.
- Identify and name a variety of materials.
- Describe the physical properties of a variety of everyday materials.
- Compare and group together a variety of everyday materials based on their properties.



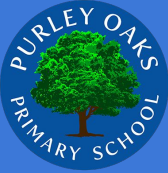
Questions you will know the answers to...

What are different objects made from?

How are materials different?

Why do we use sponges to clean up spills?

Which material would be best to keep me dry?



Working Scientifically Assessment Focus:

SETTING UP TESTS AND ENQUIRIES

- Perform simple tests.
- Use observations and testing to compare objects and their materials.
- Sort and group these things, identifying own criteria for sorting.

RECORDING DATA

- Gather and record data to help in answering questions.
- Record observations e.g., using photographs, videos, drawings, labelled diagrams or in writing.