

# Templemoor Infant and Nursery School

## Year 1: Science



<b>Term</b>	Autumn 2
<b>Theme</b>	Everyday materials



### BACKGROUND INFORMATION

The children are already familiar with the names of of basic materials, for example, plastic, glass and wood and their simple properties such as hard and soft. This unit of work builds upon and extends the children's knowledge of materials and their properties.

### OUTCOMES

- I can identify and name different materials.
- I can tell the difference between an object and the material from which it is made.
- I can sort objects by their properties.
- I can describe the properties of everyday materials.
- I can identify which materials have certain properties.
- I can watch closely, test different materials and use what I have learned to make a decision.

## SUBJECT SPECIFIC OBJECTIVES

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

## TRANSFERRABLE READING, WRITING AND MATHEMATICS SKILLS

Reading - Reading labels to sort materials into groups.

Mathematics - Sorting and grouping.

## KEY VOCABULARY

Hard	Brittle	Smooth	Translucent	Flexible	Elastic	Wood	Metal
Dull	Squashy	Opaque	Rigid	Rough	Shiny	Glass	Water
Soft	Absorbant	Bumpy	Transparent	Waterproof	Conductor	Plastic	Rock

## KEY SKILLS AND FACTS

- To match a material to its name.
- To name objects and identify the material that it is made from.
- To look at and touch different materials and explore their properties.
- To perform simple tests and find out which material would be suitable for an umbrella.

## SEQUENCE OF TEACHING

- Naming materials (a recap of EYFS knowledge).
- Materials and objects.
- Properties.
- Testing properties.
- Umbrella investigation.
- Sorting materials.

## ASSESSMENT

- Targeted questioning throughout lessons.
- Success criteria.