



# Sacred Heart Primary School Curriculum Plan

## Understanding the World Everyday Materials Reception - Term 1



**Rationale:** Children begin to understand what objects are made of and the properties of various materials. They begin to observe these closely and make choices about what material they might use for different situations.

**Pre-unit task:** A variety of materials out on the tables for the children to explore and try to name. What they already know to be recorded by teachers.

**Attention Grabber:** Wide variety of materials to touch, explore, experiment with. Youtube video – silly materials

**Class story time book:** Science Kids Materials by Clive Gifford

### Learning Objectives:

- *Beginning to understand 'why' and 'how' questions.*
- *Explore natural materials, indoors and outside*
- *Explore materials with different properties.*
- *Describe what they see, hear and feel*
- *Demonstrate curiosity about the world around them*
- *Begin to identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock*

### Overview:

Lesson 1: Cold activity- pre-unit task. Chn to explore materials and talk about what they notice with no prompting from teachers.

Lesson 2: Identifying and naming materials

Lesson 3: Objects and materials – What is it? What is it made of?

Lesson 4: Describing everyday materials

Lesson 5: Testing materials

Lesson 6: Umbrella Investigation

Lesson 7: Comparing materials and grouping them together

**SMSVC Links**

Which materials are bad for the environment? How can we make changes?

**Cross Curricular Links**

Art: tree and leaf rubbings, forest art – making designs and sculptures out of leaves, bark, petals, etc

**Resources (found in Reception materials drawers)**

Swatches of leather, silk, lace, nylon, cotton, wood, glass, plastic, wood, rock

**Opportunities for enrichment:**

Year 5 class are invited to carry out the Umbrella Investigation with the children. They model vocabulary and support the younger children to make the test fair and to observe closely and talk about what they notice.

**Impact/Assessment**

**Most Children will:** ask and respond to how and why questions about materials and their properties; talk about materials, describing what they notice; name some everyday materials.

**Less Able Children will:** respond to how and why questions with support, talk about materials and say what they see.

**More Able Children will:** ask and respond to how and why questions about materials and their properties making comparisons and grouping materials based on the properties; talk about materials and describe in detail what they notice; name and identify a variety of materials.