



## Lesson Plan Framework

### UNIT J Sub Unit J1

#### Magnetic Fields

**Group:** 2C

**Location:** Physics Lab

**Date/Time:** 8<sup>th</sup> November

#### **1. Learning Objectives:**

- The space where a magnet pushes or pulls is called the magnetic field.
- The shape and strength of a magnetic field around a bar magnet.
- How magnets behave with other magnets and with magnetic materials.

#### **2. Learning Outcomes:**

- describe the shape and direction of the magnetic field around a bar magnet
- distinguish between magnetic and non-magnetic materials
- make predictions about how magnetic materials will behave in a magnetic field.

#### **3. National Curriculum References:**

- KS3, Unit J(Magnets and Electromagnets) of the 2<sup>nd</sup> catalyst text book.

#### **4. Links to other areas:**

- Children will be able to learn the lesson topic using some hands on, visual and kinesthetic learning styles, literacy and daily life process.



## **5. Previous Assessment details informing this lesson:**

- Review some misconceptions that children may have about the topic.
- Use activities to capture interest (e.g. show some pictures and videos as a easy way to make them understand about the unit topic).

## **6. Differentiation:**

- Particular attention to dyslexic pupils, during the lesson and verify at the end of lesson the work developed and complete if necessary.
- If necessary repeat all the lesson process to pupils with difficulties as a way to follow their progress in the classroom.

## **7. Health and Safety:**

- lesson totally safety for pupils.