

The Primary Stage of Grades (4-5) School Year 2022 - 2023

Name: _____

Subject: Science

Lab Report #1: Magnetism

Date: / /

Class: **Grade Five National (All Sections)**

Objective/s: Discover materials in the laboratory and decide whether they are magnetic or not.

Part 1: Is it magnetic?

In groups, discover which materials from the following are magnetic and which are non-magnetic by approaching a magnet into each material.

Write your prediction before doing the test.

Material	prediction	Magnetic or not
Aluminum		Non-magnetic
Steel		Magnetic
Iron		Magnetic
Plastic		Non-magnetic
Rubber		Non-magnetic
Glass		Non-magnetic
Cobalt		Magnetic
Nickel		Magnetic
Wax		Non-magnetic
Silver		Non-magnetic

Part 2: Magnetic field.

Procedure:

1. Place a bar magnet on a white paper.
2. Pour a small amount of iron filings onto the paper around the magnet, and observe how they get distributed.
3. Draw the magnetic field lines based on your observation around the following bar magnet.

