



# Colegio Pequeños Bilingües

## Fourth Period



Qca. Jaznemileth Grillo Garavito

Grado: Quinto primary

Topic: Magnetism and electromagnetism

SHOW ME WHAT YOU KNOW

Name: \_\_\_\_\_

Date

Name of day

Month

Day number

Year

Score:

Goal 1. The student recognizes the properties of magnetism, electromagnetism and can pose situations where the importance of them is denoted

1. Complete the sentences with the correct Word

- a. A  is a special object that pulls or pushes other magnets or pieces of . It does this because of a  you cannot see. This force is called .

2. Read the text and complete the sentences.

Magnetism is what gives magnets their **ability to attract objects made of iron or steel**. A magnet creates around itself a region of space with special properties. This region is known as a **magnetic field**. When two magnets come near each other, their fields create forces that **attract or repel**.

**The Earth is itself a huge magnet**, and the force its field exerts on other magnets makes them point in a north-south direction. This effect is used in the **magnetic compass**.

- a) Magnets have ability to \_\_\_\_\_ objects made of iron or Steel.  
b) The región with special properties is a \_\_\_\_\_  
c) Two magnet créate \_\_\_\_\_ that attract op repel.  
d) A \_\_\_\_\_ is used because the earth is itself a huge magnet.

3. Write three objects that are magnetic and three that are not.

| MAGNETIC | NON MAGNETIC |
|----------|--------------|
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|          |              |
|          |              |

4. Write with your words because magnets are important:

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5. Draw a line to complete each sentence

- |                                           |                                                                   |
|-------------------------------------------|-------------------------------------------------------------------|
| a. A battery                              | moved when an electric current was turned on.                     |
| b. Oersted found that<br>a compass needle | is a magnet formed by an electric current.                        |
| c. An electric current                    | in an electromagnet forms a magnetic field.                       |
| d. An electromagnet                       | can be the source of an electric current for an<br>electromagnet. |
| e. Paper clips                            | we can find large electromagnets.                                 |
| f. In a recycling center                  | can be picked up by a magnet.                                     |