Magnetism Worksheet - Grade 7

In this worksheet, you will explore the basic concepts of magnetism, magnetic fields, and electromagnets. Answer the following questions based on what you have learned in class.

Questions:

1. What are the two poles of a magnet called?

2. Describe what happens when like poles of two magnets are brought together.

3. What is a magnetic field and how can it be visualized?

4. Explain the difference between a permanent magnet and an electromagnet.

5. Give two examples of materials that are magnetic and two that are not magnetic.

6. What is the Earth's magnetic field and how does it protect the planet?

7. How is electricity related to magnetism?

8. In what ways are magnets used in everyday life? Give at least two examples.

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