

Brain POP - Magnetism

Name _____

1. A naturally occurring iron ore that is magnetic is _____. This is where magnets get their name. Magnus discovered that he could pick up an iron pot with a rock he called _____. All magnets are surrounded by a _____.
2. Magnets have 2 poles, _____ and _____. Opposite ends _____ each other while similar ends _____.
3. Not all _____ are magnetic. But any metal that contains _____ could be.
4. _____ cannot be magnetized.
5. The alignment of the _____ _____ inside a magnet are the same and creates a _____.
6. The earth has its own _____ _____ and _____. It pulls at the _____ needle and that why it points to the north pole.
7. _____ are made up by running a current through _____ or _____.
8. Running a current through a wire creates a _____.
9. _____ _____ built the first electromagnet in _____.
10. Match the following words with their meanings.

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| _____ Magnetism | a. Measures the magnetic North |
| _____ Magnetite | b. An invisible force that pushes or attracts objects |
| _____ Poles | c. Pull inside a magnet |
| _____ North and South | d. Naturally occurring iron ore that is magnetic |
| _____ Compass | e. Two points on a magnet where the pull is the strongest |
| _____ Magnetic domain | f. Names for the poles |

Challenge: Draw a diagram of a bar magnet and the back of this page and label the following: SOUTH POLE, NORTH POLE, DOMAINS, and MAGNETIC FIELD.