

Name _____

Magnet Study Guide
Test Thursday, November 20, 2008

****Study Magnet worksheets.**

⇒ Definition of magnet

⇒ Definition of magnetic force

⇒ Is an electromagnet a permanent or temporary magnet?

⇒ Explain how to make an electromagnet.

⇒ What is a temporary magnet?

⇒ What is a permanent magnet?

⇒ Be able to illustrate the “force of attraction” between two bar magnets.

Vocabulary

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|----------------------------|--------------------------------------------------------------------------------------|
| 1. repel | to push apart |
| 2. lodestone | a type of magnetite that has magnetic polarity |
| 3. magnetic force | the push or pull of a magnet on other magnetic material |
| 4. magnets | Electric motors use these to keep them moving |
| 5. temporary magnet | a magnet that doesn't keep its magnetism |
| 6. attract | to draw together |
| 7. electromagnetism | when a wire is coiled around an iron core and an electric current passes through it. |

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|-----------------------------|-----------------------------------------------------------------------------------------------------|
| 8. natural magnet | substances that are naturally magnetized by Earth's magnetic field and are made of an iron material |
| 9. compass | an instrument used for determining geographic direction |
| 10. geographic | the pole where Earth spins causing night and day |
| 11. magnetic field | a region of space near a magnet in which a magnetic force acts |
| 12. permanent magnet | a magnet that keeps its magnetism |

Study your heredity notes and test. There will be vocabulary words and questions from The heredity test on the magnet test.

(Variations, learned behaviors, parent organism, mimicry, organism, life cycle, camouflage, species, trait, fast running bodies)

The above vocabulary words will be on the test.

1. Please review the Magnet PowerPoint on our class website.
2. On the science webpage, under "Magnets", a good review is
 - a. BBC Magnets & Springs
 - b. Magnets in My Kitchen
 - c. Check out some of the other sites, too!