Physical Science Study Guide

Define the following terms:

- magnetism-the force of attraction between magnets and magnetic objects
- static electricity-electricity that is made by rubbing objects against another and changing electrons
- parallel circuit-an electrical circuit in which the output devices are connected in a side by side, each one to a separate energy source
- 4. conductor- a material that conducts electricity easily
- 5. insulator- a material that doesn't carry electrons
- series circuit- an electrical circuit in which the output devices are connected in a chain to a battery or other energy source
- 7. electric current- any path upon which electrons flow
- electromagnet- a temporary magnet made by passing electric current through a wire coiled around an iron bar
- What must be present in order for an electromagnet to work?Electricity: there must be a flow of electrons.
- 10. What happens when the south end of a magnet and the north end of another magnet are moved towards each other? They attract each other.
- What are the three parts of an electric circuit? A power source (battery), a conductor (wire), and an output device
- 12. What are the two types of electric charges? Positive and negative

Physical Science Electricity Study Guide Answers

JA Banks

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