Due:	 	_
Test on	 	

Science Study Guide			
Chapter 7:	Magnetism		

Vocabulary:

Alternating current:

Direct current:

Electromagnet:

Generator:

Loudspeaker:

Magnet:

Magnetic field:

Microphone:

Motor:

Poles:

1. When do the poles of a magnet have the strongest attraction?

2. Describe the magnetic properties of Earth.

3. How does a compass work?

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4. What type of current has electrical energy that can be sent long distances to a home or business?

5. In what types of devices are electromagnets found?

6. How could you make an electromagnet more powerful?

7. **How are a speaker and a microphone alike? How are they different?

8. **Describe the relationship between magnetic force and electric currents.