

## Reading Tip

Graphic organizers such as the Cause-Effect organizer help you organize what you are reading so you can remember it later.

### Target Your Reading

Use this to focus on the main ideas as you read the chapter.

- 1 Before you read** the chapter, respond to the statements below on your worksheet or on a numbered sheet of paper.
  - Write an **A** if you **agree** with the statement.
  - Write a **D** if you **disagree** with the statement.
- 2 After you read** the chapter, look back to this page to see if you've changed your mind about any of the statements.
  - If any of your answers changed, explain why.
  - Change any false statements into true statements.
  - Use your revised statements as a study guide.

Before You Read A or D	Statement	After You Read A or D
	<b>1</b> Opposite poles of magnets attract each other.	
	<b>2</b> An electric motor converts electrical energy into kinetic energy.	
	<b>3</b> Earth's magnetic field has not changed since the Earth formed.	
	<b>4</b> Magnetic fields get stronger as you move away from the magnet's poles.	
	<b>5</b> A wire carrying electric current is surrounded by a magnetic field.	
	<b>6</b> An electromagnet is wire wrapped around a magnet.	
	<b>7</b> Magnetic fields have no effect on moving electric charges.	
	<b>8</b> Earth's magnetic field affects only Earth's surface .	
	<b>9</b> Magnetic fields are produced by moving masses.	
	<b>10</b> Transformers convert kinetic energy to electrical energy.	