

Target Your Reading

Thermal Energy and Heat

CHAPTER 3

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
	1. Energy is the ability to cause change.	
	2. There is only one type of energy.	
	3. Thermal energy flows from larger objects to smaller objects.	
	4. Only waves can transfer energy from place to place.	
	5. Thermal energy from the Sun travels to Earth as waves.	
	6. Energy can be stored in a stretched rubber band.	
	7. Objects must be touching each other in order for energy to flow from one to another.	
	8. A baseball player can transfer energy to a baseball by hitting the ball with a bat.	
	9. Most materials get smaller when they are heated.	
	10. The particles in an object move more slowly as the object cools.	