

## Reading Tip

Monitor your reading by slowing down or speeding up, depending on your understanding of the text.

## 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> Sound waves transfer energy only in matter.	
	<b>2</b> The loudness of a sound wave increases as the frequency of a wave increases.	
	<b>3</b> Sound travels faster in warm air than in cold air.	
	<b>4</b> Sound usually travels faster in gases than in solids.	
	<b>5</b> The pitch of a sound you hear depends on whether the source of the sound is moving relative to you.	
	<b>6</b> Sound waves do not spread out when they pass through an opening.	
	<b>7</b> A vibrating string whose length is fixed can produce sound waves of more than one frequency.	
	<b>8</b> The body of a guitar helps make the sound of the vibrating strings louder.	
	<b>9</b> Changing the length of a vibrating air column changes the pitch of the sound produced.	