

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