

Reading Tip

Forming your own mental images will help you remember what you read.

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 Scientists often use their prior knowledge to predict an experiment's outcome.	
	2 Most scientists prefer that their discoveries remain secret.	
	3 There is just one way to approach a scientific problem.	
	4 Observation is one way to make scientific discoveries.	
	5 In a well-planned experiment, only one part is changed at a time.	
	6 Repeating an experiment is a waste of time for a scientist.	
	7 Only university graduates can be scientists.	
	8 SI units enable accurate communication among scientists.	
	9 A scientist learns nothing if an experiment does not support the hypothesis.	