

## 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
	<b>1</b> Scientists often use their prior knowledge to predict an experiment's outcome.	
	<b>2</b> Most scientists prefer that their discoveries remain secret.	
	<b>3</b> There is just one way to approach a scientific problem.	
	<b>4</b> Observation is one way to make scientific discoveries.	
	<b>5</b> In a well-planned experiment, only one part is changed at a time.	
	<b>6</b> Repeating an experiment is a waste of time for a scientist.	
	<b>7</b> Only university graduates can be scientists.	
	<b>8</b> SI units enable accurate communication among scientists.	
	<b>9</b> A scientist learns nothing if an experiment does not support the hypothesis.	