

Reading Tip

Test yourself. Create questions and then read to find answers to your questions.

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 All objects give off light on their own.	
	2 You see an object when light rays travel from your eyes to the object.	
	3 The color of an object depends on the wavelengths of the light waves reflected from the object.	
	4 Light rays obey the law of reflection only if the reflecting surface is very smooth.	
	5 Light waves travel at the same speed in all materials.	
	6 A lens causes all light rays to pass through the focal point of the lens.	
	7 The image formed by a lens depends on how far the object is from the lens.	
	8 The purpose of the large concave mirror in a reflecting telescope is to magnify objects.	
	9 A laser beam contains a single wavelength of light.	