

Target Your Reading

The Eye and Light

CHAPTER 11

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. Light always travels at the same speed.	
	2. Light can travel through empty space.	
	3. Light rays always travel in straight lines from one point to another.	
	4. Only shiny objects, such as mirrors, reflect light.	
	5. The color of an object depends on the light the object reflects.	
	6. The human eye sends light out to objects and detects the light that is reflected back to the eye.	
	7. Three colors of light can be mixed together to make almost all the colors that you see.	
	8. Eyeglasses magnify objects so the eyes can see them.	
	9. The lens in the human eye does not change shape.	
	10. Not eating enough leafy green vegetables is the most common cause of the inability to see colors.	