

Section 4 ■ Using Mirrors and Lenses

Schedule

Block Schedule: 2 sessions (■ denotes activities recommended for block schedule.)
Single Periods: 4 sessions

Objectives

- 9. **Explain** how microscopes magnify objects.
- 10. **Explain** how telescopes make distant objects visible.
- 11. **Describe** how a camera works.

National Standards

UCP2, A1, B3, E1, E2, F1, G1, G3

Motivate

- ___ Section Focus Transparency 4, **TCR** (Transparency Master and Study Guide, p. 51, **CRB**)

Teach

- | | |
|--|--|
| ___ Visual Learning, pp. 682, 683, TWE | ___ Quick Demo, p. 685, TWE |
| ___ MiniLAB: Forming an Image with a Lens, p. 682 (MiniLAB Worksheet, p. 4, CRB) | ___ Inclusion Strategies, p. 686, TWE |
| ___ Discussion, p. 683, TWE | ■ ___ Activity: Image Formation by a Convex Lens, pp. 686–687 (Activity Worksheet, pp. 7–8, CRB) |
| ___ Science Journal, p. 683, TWE | ___ Oops! Accidents in Science, pp. 688–689 |
| ___ Make a Model, p. 683, TWE | ___ Content Outline for Teaching, Section 4 (Note-taking Worksheet, pp. 35–38, CRB) |
| ___ Science Online, p. 684 | ___ Spanish Resources, Section 4, CRB |
| ___ Problem-Solving Activity, p. 684 | |

Assess

- ___ Section Assessment, p. 685
- ___ Skill Builder Activities, p. 685
- ___ Performance Assessment in the Science Classroom, pp. 89, 103, 127, **TCR**

Reteach/Reinforce

- ___ Directed Reading for Content Mastery, pp. 21, 22, **CRB**
- ___ Spanish Directed Reading for Content Mastery, pp. 25, 26, **CRB**
- ___ Reinforcement, p. 30, **CRB**

Enrich/Apply

- ___ Enrichment, p. 34, **CRB**
- ___ Cultural Diversity, pp. 51, 57, **TCR**

Chapter Assessment

- | | |
|---|---|
| ■ ___ Chapter Study Guide, pp. 690–691 | ■ ___ Assessment Transparency, TCR , (Transparency Master and Study Guide, p. 55, CRB) |
| ■ ___ Chapter Review, pp. 41–42, CRB | ___ Standardized Test Practice by The Princeton Review, pp. 97–100, TCR |
| ■ ___ Chapter Assessment, pp. 692–693 | |
| ■ ___ Chapter Test, pp. 43–46, CRB | |

Multimedia Options

- ___ Vocabulary Puzzlemaker Software, Ch. 23
- ___ Guided Reading Audio Program (English & Spanish), Ch. 23
- ___ MindJogger Videoquiz, Ch. 23
- ___ ExamView Pro Test Bank Software, Ch. 23
- ___ Using the Internet in the Science Classroom, **TCR**
- ___ Science Web site: science.glencoe.com