

Section 3 ■ Refraction and Lenses

Schedule

Block Schedule: 1.5 sessions (■ denotes activities recommended for block schedule.)

Single Periods: 3 sessions

Objectives

7. **Determine** why light rays refract.
8. **Explain** how convex and concave lenses form images.

National Standards

UCP2, B3, E1, F1

Motivate

- Section Focus Transparency 3, **TCR** (Transparency Master and Study Guide, p. 50, **CRB**)

Teach

- _____ Quick Demo, p. 677, **TWE**
- _____ Cultural Diversity, p. 677, **TWE**
- _____ Teacher FYI, pp. 677, 679, 680, **TWE**
- _____ Fun Fact, p. 677, **TWE**
- _____ Science Online, p. 678
- _____ Lab Demonstration, p. 678, **TWE**
- _____ Use Science Words, p. 678, **TWE**
- _____ Identifying Misconceptions, p. 678, **TWE**
- _____ Visual Learning, p. 679, **TWE**
- _____ Activity, p. 679, **TWE**
- _____ Science Journal, p. 679, **TWE**
- _____ Extension, p. 679, **TWE**
- _____ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 35–38, **CRB**)
- _____ Science Inquiry Lab, p. 59, **TCR**
- Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 53–54, **CRB**)
- _____ Home and Community Involvement, p. 31, **TCR**
- _____ Spanish Resources, Section 3, **CRB**

Assess

- Section Assessment, p. 680
- _____ Skill Builder Activities, p. 680
- _____ Performance Assessment in the Science Classroom, p. 89, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, p. 21, **CRB**
- _____ Spanish Directed Reading for Content Mastery, p. 25, **CRB**
- Reinforcement, p. 29, **CRB**

Enrich/Apply

- _____ Enrichment, pp. 33, **CRB**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 23
- _____ Guided Reading Audio Program (English & Spanish), Ch. 23
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com