CHAPTER 14 Lesson Plans

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.

QCC Standards

1, 4, 15.4, 19, 19.3, 19.5

Motivate

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

Teach

_____ Quick Demo, p. 417, ***TWE***
_____ Cultural Diversity, p. 417, ***TWE***
_____ Teacher FYI, pp. 417, 419, 420, ***TWE***
_____ Fun Fact, p. 417, ***TWE***
_____ Science Online, p. 418
_____ Lab Demonstration, p. 418, ***TWE***
_____ Use Science Words, p. 418, ***TWE***
_____ Identifying Misconceptions, p. 418, ***TWE***
_____ Visual Learning, p. 419, ***TWE***
_____ Activity, p. 419, ***TWE***
_____ Science Journal, p. 419, ***TWE***
_____ Extension, p. 419, ***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. 420
_____ Skill Builder Activities, p. 420
_____ 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. 14
_____ **Guided Reading Audio Program (English & Spanish)**, Ch. 14
_____ **Interactive CD-ROM**, Exploration, Ch. 14
_____ Using the Internet in the Science Classroom, ***TCR***
_____ Science Web site: **science.glencoe.com**

TWE = Teacher Wraparound Edition,
CRB = Chapter Resources Booklet, TCR = Teacher Classroom Resources