

Section 3 ■ Wave Behavior

Schedule

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

Single Periods: 4 sessions

Objectives

5. **Explain** how waves can reflect from some surfaces.
6. **Explain** how waves change direction when they move from one material into another.
7. **Describe** how waves are able to bend around barriers.

National Standards

UCP2, A1, B1, B3

Motivate

- Section Focus Transparency 3, **TCR** (Transparency Master and Study Guide, p. 44, **CRB**)

Teach

- _____ MiniLAB: Observing How Light Refracts, p. 588 (MiniLAB Worksheet, p. 4, **CRB**)
- _____ Visual Learning, pp. 589, 592, **TWE**
- _____ Discussion, pp. 590, 591, 596, **TWE**
- _____ Activity, pp. 590, 592, **TWE**
- _____ Science Online, p. 591
- _____ Problem-Solving Activity, p. 591
- Activity: Wave Sound, pp. 594–595 (Activity Worksheet, pp. 7–8, **CRB**)
- _____ Science Stats, pp. 596–597
- _____ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 31–32, **CRB**)
- _____ Laboratory Activity 2, pp. 13–14, **CRB**
- _____ Spanish Resources, Section 3, **CRB**

Assess

- Section Assessment, p. 593
- _____ Skill Builder Activities, p. 593
- _____ Performance Assessment in the Science Classroom, pp. 89, 127, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, pp. 19, 20, **CRB**
- _____ Spanish Directed Reading for Content Mastery, pp. 23, 24, **CRB**
- Reinforcement, p. 27, **CRB**
- _____ Mathematics Skill Activities, p. 47, **TCR**

Enrich/Apply

- _____ Enrichment, p. 30, **CRB**

Chapter Assessment

- Chapter Study Guide, pp. 598–599
- Chapter Review, pp. 35–36, **CRB**
- Chapter Assessment, pp. 600–601
- Chapter Test, pp. 37–40, **CRB**
- Assessment Transparency, **TCR**, (Transparency Master and Study Guide, p. 47, **CRB**)
- _____ Standardized Test Practice by The Princeton Review, pp. 85–88, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 20
- _____ Guided Reading Audio Program (English & Spanish), Ch. 20
- _____ MindJogger Videoquiz, Ch. 20
- _____ ExamView Pro Test Bank Software, Ch. 20
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com