

## Section 3 ■ Wave Behavior



## Schedule

Block Schedule: 2.5 sessions (■ denotes activities recommended for block schedule.)

Single Periods: 5 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.

 QCC Standards

1, 2, 3.4, 4, 15.2, 15.4, 17.1, 17.2, 19.1, 22.2, 24.2

## Motivate

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

## Teach

- |  |   |
|--|---|
| ___ MiniLAB: Observing How Light Refracts, p. 328 (MiniLAB Worksheet, p. 4, <b>CRB</b> ) | ■ ___ Activity: Wave Sound, pp. 334–335 (Activity Worksheet, pp. 7–8, <b>CRB</b> )          |
| ___ Visual Learning, pp. 329, 332, <b>TWE</b>  | ___ Science Stats, pp. 336–337  |
| ___ Discussion, pp. 330, 331, 336, <b>TWE</b>  | ___ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 31–32, <b>CRB</b> ) |
| ___ Activity, pp. 330, 332, <b>TWE</b>   | ___ Laboratory Activity 2, pp. 13–14, <b>CRB</b>  |
| ___ Science Online, p. 331   | ___ Spanish Resources, Section 3, <b>CRB</b>  |
| ___ Problem-Solving Activity, p. 331   |   |

## Assess

- \_\_\_ Section Assessment, p. 333
- \_\_\_ Skill Builder Activities, p. 333
- \_\_\_ 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. 338–339      | ■ ___ Assessment Transparency, <b>TCR</b> , (Transparency Master and Study Guide, p. 47, <b>CRB</b> ) |
| ■ ___ Chapter Review, pp. 35–36, <b>CRB</b> | ___ Standardized Test Practice by The Princeton Review, pp. 47–50, <b>TCR</b>                         |
| ■ ___ Chapter Assessment, pp. 340–341       |   |
| ■ ___ Chapter Test, pp. 37–40, <b>CRB</b>   |   |

## Multimedia Options

- \_\_\_ Vocabulary Puzzlemaker Software, Ch. 11
- \_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 11
- \_\_\_ MindJogger Videoquiz, Ch. 11
- \_\_\_ ExamView Pro Test Bank Software, Ch. 11
- \_\_\_ Interactive CD-ROM, Quiz, Ch. 11
- \_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)