

**CHAPTER**  
**11**

**Lesson  
Plans**

**Section 2 ■ Wave Properties**



**Schedule**

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

**Objectives**

- 3. Describe the relationship between the frequency and wavelength of a wave.
- 4. Explain why waves travel at different speeds.

**QCC Standards**

1, 2, 3.4, 4, 15, 15.1, 15.2, 15.3, 16, 16.1, 18, 22.1, 22.2, 23, 23.1, 25.1

**Motivate**

- Section Focus Transparency 2, **TCR** (Transparency Master and Study Guide, p. 43 **CRB**)

**Teach**

- \_\_\_\_\_ Visual Learning, p. 322, **TWE**
- \_\_\_\_\_ Activity, pp. 322, 324, **TWE**
- \_\_\_\_\_ Extension, pp. 322, 323, **TWE**
- \_\_\_\_\_ Discussion, p. 323, **TWE**
- \_\_\_\_\_ Use Science Words, p. 323, **TWE**
- \_\_\_\_\_ Curriculum Connection, p. 323, **TWE**
- \_\_\_\_\_ Health Integration, p. 324
- \_\_\_\_\_ Quick Demo, p. 324, **TWE**
- \_\_\_\_\_ Science Journal, p. 324, **TWE**
- \_\_\_\_\_ Science Online, p. 325
- Activity: Waves on a Spring, p. 326 (Activity Worksheet, pp. 5–6, **CRB**)
- \_\_\_\_\_ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 31–32, **CRB**)
- \_\_\_\_\_ Laboratory Activity 1, pp. 9–11, **CRB**
- \_\_\_\_\_ Home and Community Involvement, p. 42, **TCR**
- \_\_\_\_\_ Spanish Resources, Section 2, **CRB**

**Assess**

- Section Assessment, p. 325
- \_\_\_\_\_ Skill Builder Activities, p. 325
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 89, 127, **TCR**

**Reteach/Reinforce**

- Directed Reading for Content Mastery, p. 19, **CRB**
- \_\_\_\_\_ Spanish Directed Reading for Content Mastery, p. 23, **CRB**
- Reinforcement, p. 26, **CRB**
- \_\_\_\_\_ Reading and Writing Skill Activities, p. 33, **TCR**

**Enrich/Apply**

- \_\_\_\_\_ Enrichment, p. 29, **CRB**
- \_\_\_\_\_ Earth Science Critical Thinking/Problem-Solving, p. 5, **TCR**
- \_\_\_\_\_ Cultural Diversity, p. 61, **TCR**

**Multimedia Options**

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 11
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 11
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)

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