

**CHAPTER**  
**13**

**Lesson  
Plans**

**Section 3 ■ Using Electromagnetic Waves**



**Schedule**

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

**Objectives**

- 5. **Explain** different methods of electronic communication.
- 6. **Compare and contrast** AM and FM signals.



**QCC Standards**

1, 2, 3.3, 3.4, 4, 13.1, 15.1, 15.2, 19.5

**Motivate**

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

**Teach**

- \_\_\_\_\_ Astronomy Integration, p. 390
- \_\_\_\_\_ Visual Learning, pp. 390, 393, **TWE**
- \_\_\_\_\_ Science Journal, p. 390, **TWE**
- \_\_\_\_\_ Math Skills Activity, p. 391
- \_\_\_\_\_ Activity, p. 391, **TWE**
- \_\_\_\_\_ Science Online, p. 392
- \_\_\_\_\_ Discussion, p. 392, **TWE**
- \_\_\_\_\_ Use Science Words, p. 392, **TWE**
- Activity: Spectrum Inspection, pp. 394–395 (Activity Worksheet, pp. 7–8, **CRB**)
- \_\_\_\_\_ Science and History, pp. 396–397
- \_\_\_\_\_ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 31–33, **CRB**)
- Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 45–46, **CRB**)
- \_\_\_\_\_ Laboratory Activity 2, pp. 13–14, **CRB**
- \_\_\_\_\_ Home and Community Involvement, p. 45, **TCR**
- \_\_\_\_\_ Spanish Resources, Section 3, **CRB**

**Assess**

- Section Assessment, p. 393
- \_\_\_\_\_ Skill Builder Activities, p. 393
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 97, 159, **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. 9, **TCR**

**Enrich/Apply**

- \_\_\_\_\_ Enrichment, p. 30, **CRB**

**Chapter Assessment**

- Chapter Study Guide, pp. 398–399
- Chapter Review, pp. 35–36, **CRB**
- Chapter Assessment, pp. 400–401
- 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. 55–58, **TCR**

**Multimedia Options**

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 13
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 13
- \_\_\_\_\_ MindJogger Videoquiz, Ch. 13
- \_\_\_\_\_ ExamView Pro Test Bank Software, Ch. 13
- \_\_\_\_\_ Interactive CD-ROM, Quiz, Ch. 13
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)

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