

Section 3 ■ Using Electromagnetic Waves

Schedule

Block Schedule: 1.5 sessions (■ denotes activities recommended for block schedule.)

Single Periods: 3 sessions

Objectives

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

National Standards

UCP2, A1, B3, F5, G3

Motivate

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

Teach

- _____ Astronomy Integration, p. 650
- _____ Visual Learning, pp. 650, 653, **TWE**
- _____ Science Journal, p. 650, **TWE**
- _____ Math Skills Activity, p. 651
- _____ Activity, p. 651, **TWE**
- _____ Science Online, p. 652
- _____ Discussion, p. 652, **TWE**
- _____ Use Science Words, p. 652, **TWE**
- Activity: Spectrum Inspection, pp. 654–655 (Activity Worksheet, pp. 7–8, **CRB**)
- _____ Science and History, pp. 656–657
- _____ 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. 653
- _____ Skill Builder Activities, p. 653
- _____ 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. 658–659
- Chapter Review, pp. 35–36, **CRB**
- Chapter Assessment, pp. 660–661
- 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. 93–96, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 22
- _____ Guided Reading Audio Program (English & Spanish), Ch. 22
- _____ MindJogger Videoquiz, Ch. 22
- _____ ExamView Pro Test Bank Software, Ch. 22
- _____ 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