

Section 2 ■ The Electromagnetic Spectrum

Schedule

Block Schedule: 1 session (■ denotes activities recommended for block schedule.)

Single Periods: 2 sessions

Objectives

3. Explain differences among kinds of electromagnetic waves.
4. Identify uses for different kinds of electromagnetic waves.

National Standards

UCP2, A1, B3, D3, F5

Motivate

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

Teach

- _____ Visual Learning, pp. 640, 645, 646, **TWE**
- _____ Use Science Words, pp. 640, 643, **TWE**
- _____ Science Journal, pp. 640, 643, **TWE**
- _____ Extension, pp. 640, 641, 643, 645, 646, **TWE**
- _____ Teacher FYI, pp. 641, 642, 643, **TWE**
- _____ MiniLAB: Observing the Focusing of Infrared Rays, p. 641 (MiniLAB Worksheet, p. 4, **CRB**)
- _____ Activity, pp. 642, 646, **TWE**
- _____ Inclusion Strategies, p. 642, **TWE**
- _____ Identifying Misconceptions, pp. 642, 645, **TWE**
- _____ Fun Fact, p. 642, **TWE**
- _____ Curriculum Connection, p. 644, **TWE**
- _____ Use an Analogy, p. 644, **TWE**
- Activity: Prisms of Light, p. 648 (Activity Worksheet, pp. 5–6, **CRB**)
- _____ Life Science Integration, p. 644
- _____ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 31–33, **CRB**)
- _____ Laboratory Activity 1, pp. 9–11, **CRB**
- _____ Spanish Resources, Section 2, **CRB**

Assess

- Section Assessment, p. 647
- _____ Skill Builder Activities, p. 647
- _____ Performance Assessment in the Science Classroom, pp. 97, 127, 169, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, p. 18, **CRB**
- _____ Spanish Directed Reading for Content Mastery, p. 22, **CRB**
- Reinforcement, p. 26, **CRB**
- _____ Reading and Writing Skill Activities, p. 25, **TCR**

Enrich/Apply

- _____ Enrichment, p. 29, **CRB**
- _____ Earth Science Critical Thinking/Problem-Solving, pp. 8, 13, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 22
- _____ Guided Reading Audio Program (English & Spanish), Ch. 22
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com