

Section 1 ■ Radiation from Space



Schedule

Block Schedule: 1 session (■ denotes activities recommended for block schedule.)
Single Periods: 2 sessions

Objectives

1. **Explain** the electromagnetic spectrum.
2. **Identify** the differences between refracting and reflecting telescopes.
3. **Recognize** the differences between optical and radio telescopes.

■ QCC Standards

1, 2, 3.2, 5, 24, 24.1

Motivate

- _____ Explore Activity, p. 639
- _____ Before You Read, p. 639 (Foldables, p. 13, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 40, **CRB**)

Teach

- | | |
|--|--|
| _____ Content Background, pp. 638E–638F, TWE | ■_____ Activity: Building a Reflecting Telescope, p. 646 (Activity Worksheet, pp. 5–6, CRB) |
| _____ Health Integration, p. 641 | _____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 29–31, CRB) |
| _____ Discussion, pp. 641, 643, TWE | _____ Science Inquiry Lab, p. 59, TCR |
| _____ Inclusion Strategies, pp. 641, 642, TWE | ■_____ Teaching Transparency, TCR (Transparency Master and Study Guide, pp. 43–44, CRB) |
| _____ Visual Learning, p. 642, TWE | _____ Laboratory Activity 1, pp. 9–12, CRB |
| _____ Science Journal, pp. 642, 643, TWE | _____ Spanish Resources, Section 1, CRB |
| _____ Quick Demo, p. 642, TWE | |
| _____ MiniLAB: Observing the Effects of Light Pollution, p. 644 (MiniLAB Worksheet, p. 3, CRB) | |

Assess

- _____ Section Assessment, p. 645
- _____ Skill Builder Activities, p. 645
- _____ Performance Assessment in the Science Classroom, pp. 89, 97, 109, 117, **TCR**

Reteach/Reinforce

- _____ Directed Reading for Content Mastery, pp. 15, 16, **CRB**
- _____ Spanish Directed Reading for Content Mastery, pp. 19, 20, **CRB**
- _____ Reinforcement, p. 23, **CRB**

Enrich/Apply

- _____ Enrichment, p. 26, **CRB**
- _____ Cultural Diversity, p. 51, **TCR**

Multimedia Options

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