

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.

National Standards

UCP2, A1, D3

Motivate

- _____ Explore Activity, p. 41
- _____ Before You Read, p. 41 (Foldables, p. 13, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 40, **CRB**)

Teach

- | | |
|---|--|
| _____ Content Background, pp. 40E–40F, TWE | ■_____ Activity: Building a Reflecting Telescope, p. 48 (Activity Worksheet, pp. 5–6, CRB) |
| _____ Health Integration, p. 43 | _____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 29–31, CRB) |
| _____ Discussion, pp. 43, 45, TWE | _____ Science Inquiry Lab, p. 59, TCR |
| _____ Inclusion Strategies, pp. 43, 44, TWE | ■_____ Teaching Transparency, TCR (Transparency Master and Study Guide, pp. 43–44, CRB) |
| _____ Visual Learning, p. 44, TWE | _____ Laboratory Activity 1, pp. 9–12, CRB |
| _____ Science Journal, pp. 44, 45, TWE | _____ Spanish Resources, Section 1, CRB |
| _____ Quick Demo, p. 44, TWE | |
| _____ MiniLAB: Observing the Effects of Light Pollution, p. 46 (MiniLAB Worksheet, p. 3, CRB) | |

Assess

- _____ Section Assessment, p. 47
- _____ Skill Builder Activities, p. 47
- _____ 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. 2
- _____ Guided Reading Audio Program (English & Spanish), Ch. 2
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com