

CHAPTER
5

**Lesson
Plans**

Section 1 ■ Stars

Schedule

Block Schedule: 0.5 session (■ denotes activities recommended for block schedule.)

Single Periods: 1 session

Objectives

1. **Explain** why the positions of constellations change throughout the year.
2. **Distinguish** between absolute magnitude and apparent magnitude.
3. **Describe** how parallax is used to determine distance.

National Standards

UPC2, A1, D3

Motivate

- _____ Explore Activity, p. 137
- _____ Before You Read, p. 137 (Foldables, p. 17, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 48, **CRB**)

Teach

- _____ Content Background, pp. 136E–136F, **TWE**
- _____ Science Journal, pp. 136, 139, **TWE**
- _____ Identifying Misconceptions, p. 139, **TWE**
- _____ MiniLAB: Observing Star Patterns, p. 139 (MiniLAB Worksheet, p. 3, **CRB**)
- _____ Problem-Solving Activity, p. 140
- _____ Quick Demo, p. 140, **TWE**
- _____ Inclusion Strategies, p. 140, **TWE**
- _____ Activity, p. 141, **TWE**
- _____ Curriculum Connection, p. 141, **TWE**
- _____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 35–38, **CRB**)
- _____ Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 53–54, **CRB**)
- _____ Laboratory Activity 1, pp. 9–12, **CRB**
- _____ Laboratory Activity 2, pp. 13–15, **CRB**
- _____ Home and Community Involvement, p. 35, **TCR**
- _____ Spanish Resources, Section 1, **CRB**

Assess

- _____ Section Assessment, p. 142
- _____ Skill Builder Activities, p. 142
- _____ Performance Assessment in the Science Classroom, pp. 99, 123, 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. 11, **TCR**

Enrich/Apply

- _____ Enrichment, p. 31, **CRB**
- _____ Earth Science Critical Thinking/Problem-Solving, p. 23, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 5
- _____ Guided Reading Audio Program (English & Spanish), Ch. 5
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com