

CHAPTER
4

**Lesson
Plans**

**Section 1 ■ Cell Division and
Mitosis**




Schedule

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

Objectives

1. **Explain** why mitosis is important.
2. **Examine** the steps of mitosis.
3. **Compare** mitosis in plant and animal cells.
4. **List** two examples of asexual reproduction.

 **QCC Standards**
1, 2, 4, 6.5, 6.6, 17

Motivate

- _____ Explore Activity, p. 95
- _____ Before You Read, p. 95 (Foldables, p. 15, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 42, **CRB**)

Teach

- | | |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| _____ Content Background, pp. 94E–94F, TWE | _____ MiniLAB: Modeling Mitosis, p. 101
(MiniLAB Worksheet, p. 3, CRB) |
| _____ Health Integration, p. 97 | _____ Activity, p. 102, TWE |
| _____ Science Online, p. 97 | ■_____ Activity: Mitosis in Plant Cells, p. 103
(Activity Worksheet, pp. 5–6, CRB) |
| _____ Visual Learning, p. 97, TWE | _____ Content Outline for Teaching, Section 1
(Note-taking Worksheet, pp. 31–33, CRB) |
| _____ Science Journal, pp. 97, 101, TWE | ■_____ Teaching Transparency, TCR (Transparency
Master and Study Guide, pp. 45–46, CRB) |
| _____ Inclusion Strategies, p. 98, TWE | _____ Laboratory Activity 1, pp. 9–10, CRB |
| _____ Identifying Misconceptions, p. 98, TWE | _____ Spanish Resources, Section 1, CRB |
| _____ Quick Demo, p. 99, TWE | |
| _____ Use Science Words, p. 99, TWE | |
| _____ Discussion, p. 100, TWE | |
| _____ Lab Demonstration, p. 100, TWE | |

Assess

- _____ Section Assessment, p. 102
- _____ Skill Builder Activities, p. 102
- _____ Performance Assessment in the Science Classroom, pp. 89, 143, 163, **TCR**

Reteach/Reinforce

- _____ Directed Reading for Content Mastery, pp. 17, 18, **CRB**
- _____ Spanish Directed Reading for Content Mastery, pp. 21, 22, **CRB**
- _____ Reinforcement, p. 25, **CRB**

Enrich/Apply

- _____ Enrichment, p. 28, **CRB**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 4
- _____ Guided Reading Audio Program (English & Spanish), Ch. 4
- _____ Interactive CD-ROM, Presentation Builder, Ch. 4
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com