

# 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.

### National Standards

UCP3, A1, C1

## Motivate

- \_\_\_\_\_ Explore Activity, p. 209
- \_\_\_\_\_ Before You Read, p. 209 (Foldables, p. 15, **CRB**)
- \_\_\_\_\_ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 42, **CRB**)

## Teach

- |  |   |
|--|---|
| _____ Content Background, pp. 208E–208F, <b>TWE</b>  | _____ MiniLAB: Modeling Mitosis, p. 215<br>(MiniLAB Worksheet, p. 3, <b>CRB</b> )                         |
| _____ Health Integration, p. 211                     | _____ Activity, p. 216, <b>TWE</b>  |
| _____ Science Online, p. 211                         | ■_____ Activity: Mitosis in Plant Cells, p. 217<br>(Activity Worksheet, pp. 5–6, <b>CRB</b> )             |
| _____ Visual Learning, p. 211, <b>TWE</b>            | _____ Content Outline for Teaching, Section 1<br>(Note-taking Worksheet, pp. 31–33, <b>CRB</b> )          |
| _____ Science Journal, pp. 211, 215, <b>TWE</b>      | ■_____ Teaching Transparency, <b>TCR</b> (Transparency<br>Master and Study Guide, pp. 45–46, <b>CRB</b> ) |
| _____ Inclusion Strategies, p. 212, <b>TWE</b>       | _____ Laboratory Activity 1, pp. 9–10, <b>CRB</b>   |
| _____ Identifying Misconceptions, p. 212, <b>TWE</b> | _____ Spanish Resources, Section 1, <b>CRB</b>  |
| _____ Quick Demo, p. 213, <b>TWE</b>                 |   |
| _____ Use Science Words, p. 213, <b>TWE</b>          |   |
| _____ Discussion, p. 214, <b>TWE</b>                 |   |
| _____ Lab Demonstration, p. 214, <b>TWE</b>          |   |

## Assess

- \_\_\_\_\_ Section Assessment, p. 216
- \_\_\_\_\_ Skill Builder Activities, p. 216
- \_\_\_\_\_ 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. 8
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 8
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)