

The Life of a Cell

pages 250–255

National Science Content Standards: UCP.1–3, UCP.5; B.3, B.6; C.1, C.5; F.1; G.1, G.3

Georgia QCC: 4.2, 4.3, 4.4, 5.3, 5.4, 6.1, 6.4, 7.1, 7.2, 7.3, 9.1, 9.2, 9.3

Pacing Guide

1 period

BioDigest

KEY: *SE* = Student Edition, *TWE* = Teacher Wraparound Edition, *TCR* = Teacher Classroom Resources, *NGS* = National Geographic Society videodisc, *BDOL* = Biology: The Dynamics of Life

Lesson Resources

- _____ *Reinforcement and Study Guide*, pp. 41–42 *TCR*
- _____ *Content Mastery*, pp. 45–48 *TCR*

Multimedia Resources

- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ Glencoe Science Web Site:
ga.science.glencoe.com

Optional Resources

- _____ *Spanish Resources*

Lesson Plan

| Activity | Resources | Suggested Time |
|---|---|----------------|
| Classroom Management <ul style="list-style-type: none"> • Have students complete the Focus Bellringer activity. | <i>TWE</i> , p. 250 | 5 minutes |
| Discussion <ul style="list-style-type: none"> • If the BioDigest is being used as an introduction for Unit 3 or in place of Unit 3, return Chapter 5 tests and answer any test questions. | <i>Chapter Assessment</i> , pp. 248–250 <i>TCR</i> | 5 minutes |
| Core Lesson <ul style="list-style-type: none"> • Introduce BioDigest 3 with the Quick Demo. • Teach the main concepts of BioDigest 3. • Do the Demonstration. • Have students complete the Microscope Activity to observe the stages of mitosis. | <i>TWE</i> , p. 251 <i>TWE</i> , pp. 250–255 <i>TWE</i> , p. 253 <i>TWE</i> , p. 253 | 30 minutes |
| In-Class Check <ul style="list-style-type: none"> • Review the concepts introduced in BioDigest 3 with the Content Mastery worksheets. • Do the Classroom Activity. • Do the Check for Understanding and Reteach strategies. | <i>Content Mastery</i> , pp. 45–48 <i>TCR</i> <i>TWE</i> , p. 254 <i>TWE</i> , p. 255 | 30 minutes |
| Homework <ul style="list-style-type: none"> • Have students complete the Portfolio: The Plasma Membrane and the Biology Journal: Organelles. • Assign the BioDigest Assessment. | <i>TWE</i> , p. 252 <i>SE</i> , p. 255 | 10 minutes |
| Closing <ul style="list-style-type: none"> • Assess students with the Close Discussion. | <i>TWE</i> , p. 255 | 10 minutes |

[total = 90 minutes]