

**CHAPTER**  
**4**

**Lesson  
Plans**

**Section 3 ■ DNA**




**Schedule**

Block Schedule: 1.5 sessions (■ denotes activities recommended for block schedule.)  
Single Periods: 3 sessions

**Objectives**

- 9. **Identify** the parts of a DNA molecule and its structure.
- 10. **Explain** how DNA copies itself.
- 11. **Describe** the structure and function of each kind of RNA.

 **QCC Standards**  
1, 4, 6.4, 10, 11.4

**Motivate**

- Section Focus Transparency 3, **TCR** (Transparency Master and Study Guide, p. 44, **CRB**)

**Teach**

- \_\_\_\_\_ MiniLAB: Modeling DNA Replication, p. 111 (MiniLAB Worksheet, p. 4, **CRB**)
- \_\_\_\_\_ Discussion, p. 112, **TWE**
- \_\_\_\_\_ Science Online, pp. 113, 115, 116
- \_\_\_\_\_ Visual Learning, p. 113, **TWE**
- \_\_\_\_\_ Activity, p. 113, **TWE**
- Activity: Mutations, pp. 116–117 (Activity Worksheet, pp. 7–8, **CRB**)
- \_\_\_\_\_ Oops! Accidents in Science, pp. 118–119
- \_\_\_\_\_ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 31–33, **CRB**)
- \_\_\_\_\_ Laboratory Activity 2, pp. 11–13, **CRB**
- \_\_\_\_\_ Home and Community Involvement, p. 36, **TCR**
- \_\_\_\_\_ Spanish Resources, Section 3, **CRB**

**Assess**

- Section Assessment, p. 115
- \_\_\_\_\_ Skill Builder Activities, p. 115
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 127, 143, **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**
- \_\_\_\_\_ Reading and Writing Skill Activities, p. 51, **TCR**

**Enrich/Apply**

- \_\_\_\_\_ Enrichment, p. 30, **CRB**
- \_\_\_\_\_ Cultural Diversity, p. 19, **TCR**

**Chapter Assessment**

- Chapter Study Guide, pp. 120–121
- Chapter Review, pp. 35–36, **CRB**
- Chapter Assessment, pp. 122–123
- Chapter Test, pp. 37–40, **CRB**
- Assessment Transparency, **TCR**, (Transparency Master and Study Guide, p. 47, **CRB**)
- \_\_\_\_\_ Standardized Test Practice by The Princeton Review, pp. 23–26, **TCR**

**Multimedia Options**

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 4
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 4
- \_\_\_\_\_ MindJogger Videoquiz, Ch. 4
- \_\_\_\_\_ ExamView Pro Test Bank, Ch. 4
- \_\_\_\_\_ Interactive CD-ROM, Exploration and Quiz, Ch. 4
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)

**TWE = Teacher Wraparound Edition,**  
**CRB = Chapter Resources Booklet, TCR = Teacher Classroom Resources**