

CHAPTER
5

**Lesson
Plans**

Section 3 ■ Advances in Genetics



Schedule

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

Objectives

- 9. Evaluate the importance of advances in genetics.
- 10. Sequence the steps in making genetically engineered organisms.

QCC Standards

1, 10, 11.1, 11.3, 12

Motivate

- Section Focus Transparency 3, **TCR** (Transparency Master and Study Guide, p. 42, **CRB**)

Teach

- _____ Environmental Science Integration, p. 142
- _____ Visual Learning, p. 142, **TWE**
- _____ Cultural Diversity, p. 142, **TWE**
- _____ Teacher FYI, p. 142, **TWE**
- Activity: Tests for Color Blindness, pp. 144–145 (Activity Worksheet, pp. 7–8, **CRB**)
- _____ Science Stats, pp. 146–147
- _____ Identifying Misconceptions, p. 149, **TWE**
- _____ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 29–31, **CRB**)
- _____ Spanish Resources, Section 3, **CRB**

Assess

- Section Assessment, p. 143
- _____ Skill Builder Activities, p. 143
- _____ Performance Assessment in the Science Classroom, pp. 107, 123, **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**
- _____ Reading and Writing Skill Activities, p. 51, **TCR**

Enrich/Apply

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

Chapter Assessment

- Chapter Study Guide, pp. 148–149
- Chapter Review, pp. 33–34, **CRB**
- Chapter Assessment, pp. 150–151
- Chapter Test, pp. 35–38, **CRB**
- Assessment Transparency, **TCR**, (Transparency Master and Study Guide, p. 45, **CRB**)
- _____ Standardized Test Practice by The Princeton Review, pp. 27–30, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 5
- _____ Guided Reading Audio Program (English & Spanish), Ch. 5
- _____ MindJogger Videoquiz, Ch. 5
- _____ ExamView Pro Test Bank, Ch. 5
- _____ Interactive CD-ROM, Quiz, Ch. 5
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com