

**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.

**National Standards**

UCP2, A1, C2, E1, E2, F5, G1

**Motivate**

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

**Teach**

- \_\_\_\_\_ Environmental Science Integration, p. 316
- \_\_\_\_\_ Visual Learning, p. 316, **TWE**
- \_\_\_\_\_ Cultural Diversity, p. 316, **TWE**
- \_\_\_\_\_ Teacher FYI, p. 316, **TWE**
- Activity: Tests for Color Blindness, pp. 318–319 (Activity Worksheet, pp. 7–8, **CRB**)
- \_\_\_\_\_ Science Stats, pp. 320–321
- \_\_\_\_\_ Identifying Misconceptions, p. 323, **TWE**
- \_\_\_\_\_ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 29–31, **CRB**)
- \_\_\_\_\_ Spanish Resources, Section 3, **CRB**

**Assess**

- Section Assessment, p. 317
- \_\_\_\_\_ Skill Builder Activities, p. 317
- \_\_\_\_\_ 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. 322–323
- Chapter Review, pp. 33–34, **CRB**
- Chapter Assessment, pp. 324–325
- 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. 49–52, **TCR**

**Multimedia Options**

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 11
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 11
- \_\_\_\_\_ MindJogger Videoquiz, Ch. 11
- \_\_\_\_\_ ExamView Pro Test Bank, Ch. 11
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)