

**CHAPTER**  
**11**

**Lesson  
Plans**

**Section 2 ■ Genetics—The Study of Inheritance**

**Schedule**

Block Schedule: 2.5 sessions (■ denotes activities recommended for block schedule.)  
Single Periods: 5 sessions

**Objectives**

- 5. **Explain** how traits are inherited.
- 6. **Relate** chromosomes, genes, and DNA to one another.
- 7. **Discuss** how mutations add variation to a population.

**National Standards**

UCP4, A1, A2, C1, C2, C4, C5, F5

**Motivate**

- Section Focus Transparency 2, **TCR** (Transparency Master and Study Guide, p. 41, **CRB**)

**Teach**

- \_\_\_\_\_ Discussion, pp. 330, 333, 334, 339, **TWE**
- \_\_\_\_\_ MiniLAB: Modeling Probability, p. 331 (MiniLAB Worksheet, p. 4, **CRB**)
- \_\_\_\_\_ Math Skills Activity, p. 333
- \_\_\_\_\_ Earth Science Integration, p. 334
- \_\_\_\_\_ Science Online, p. 335
- Activity: Genetic Traits: The Unique You, pp. 336–337 (Activity Worksheet, pp. 7–8, **CRB**)
- \_\_\_\_\_ Science and Society, pp. 338–339
- \_\_\_\_\_ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 29–30, **CRB**)
- \_\_\_\_\_ Science Inquiry Lab, p. 19, **TCR**
- \_\_\_\_\_ Laboratory Activity 2, pp. 13–14, **CRB**
- \_\_\_\_\_ Spanish Resources, Section 2, **CRB**

**Assess**

- Section Assessment, p. 335
- \_\_\_\_\_ Skill Builder Activities, p. 335
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 97, 99, 141, 157, **TCR**

**Reteach/Reinforce**

- Directed Reading for Content Mastery, pp. 19, 20, **CRB**
- \_\_\_\_\_ Spanish Directed Reading for Content Mastery, pp. 23, 24, **CRB**
- Reinforcement, p. 26, **CRB**
- \_\_\_\_\_ Mathematics Skill Activities, p. 29, **TCR**

**Enrich/Apply**

- \_\_\_\_\_ Enrichment, p. 28, **CRB**
- \_\_\_\_\_ Earth Science Critical Thinking/Problem-Solving, p. 19, **TCR**

**Chapter Assessment**

- Chapter Study Guide, pp. 340–341
- Chapter Review, pp. 33–34, **CRB**
- Chapter Assessment, pp. 342–343
- 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 Software, Ch. 11
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)