

**CHAPTER**  
**5**

**Lesson  
Plans**

**Section 2 ■ Genetics Since Mendel**



**Schedule**

Block Schedule: 1 session (■ denotes activities recommended for block schedule.)  
Single Periods: 2 sessions

**Objectives**

- 5. **Explain** how traits are inherited by incomplete dominance.
- 6. **Compare** multiple alleles and polygenic inheritance, and give examples of each.
- 7. **Describe** two human genetic disorders and how they are inherited.
- 8. **Explain** how sex-linked traits are passed to offspring.

 **QCC Standards**

1, 4, 10, 11, 11.1, 11.2, 11.3, 11.4, 12

**Motivate**

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

**Teach**

- \_\_\_\_\_ Science Online, p. 135
- \_\_\_\_\_ Discussion, pp. 135, 138, **TWE**
- \_\_\_\_\_ Science Journal, p. 135, **TWE**
- \_\_\_\_\_ Use Science Words, p. 136, **TWE**
- \_\_\_\_\_ MiniLAB: Interpreting Polygenic Inheritance, p. 136 (MiniLAB Worksheet, p. 4, **CRB**)
- \_\_\_\_\_ Lab Demonstration, p. 137, **TWE**
- \_\_\_\_\_ Teacher FYI, pp. 137, 138, **TWE**
- \_\_\_\_\_ Chemistry Integration, p. 138
- \_\_\_\_\_ Inclusion Strategies, p. 138, **TWE**
- \_\_\_\_\_ Visual Learning, p. 139, **TWE**
- \_\_\_\_\_ Quick Demo, p. 139, **TWE**
- \_\_\_\_\_ Make a Model, p. 139, **TWE**
- \_\_\_\_\_ Extension, p. 139, **TWE**
- \_\_\_\_\_ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 29–31, **CRB**)
- Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 43–44, **CRB**)
- \_\_\_\_\_ Spanish Resources, Section 2, **CRB**

**Assess**

- Section Assessment, p. 140
- \_\_\_\_\_ Skill Builder Activities, p. 140
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 89, 109, **TCR**

**Reteach/Reinforce**

- Directed Reading for Content Mastery, pp. 15, 16, **CRB**
- \_\_\_\_\_ Spanish Directed Reading for Content Mastery, pp. 19, 20, **CRB**
- Reinforcement, p. 24, **CRB**

**Enrich/Apply**

- \_\_\_\_\_ Enrichment, p. 27, **CRB**
- \_\_\_\_\_ Life Science Critical Thinking/Problem-Solving, p. 19, **TCR**

**Multimedia Options**

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 5
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 5
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)