

CHAPTER
11

**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.

National Standards

UCP2, A1, C2, F1

Motivate

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

Teach

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|--|---|
| _____ Science Online, p. 309 | _____ Visual Learning, p. 313, TWE |
| _____ Discussion, pp. 309, 312, TWE | _____ Quick Demo, p. 313, TWE |
| _____ Science Journal, p. 309, TWE | _____ Make a Model, p. 313, TWE |
| _____ Use Science Words, p. 310, TWE | _____ Extension, p. 313, TWE |
| _____ MiniLAB: Interpreting Polygenic Inheritance, p. 310 (MiniLAB Worksheet, p. 4, CRB) | _____ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 29–31, CRB) |
| _____ Lab Demonstration, p. 311, TWE | ■ Teaching Transparency, TCR (Transparency Master and Study Guide, pp. 43–44, CRB) |
| _____ Teacher FYI, pp. 311, 312, TWE | _____ Spanish Resources, Section 2, CRB |
| _____ Chemistry Integration, p. 312 | |
| _____ Inclusion Strategies, p. 312, TWE | |

Assess

- Section Assessment, p. 314
- _____ Skill Builder Activities, p. 314
- _____ 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. 11
- _____ Guided Reading Audio Program (English & Spanish), Ch. 11
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com