

Section 2 ■ Scientific Enterprise



Schedule

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

Objectives

4. **Explain** why science is always changing.
5. **Compare and contrast** scientific theories and scientific laws.
6. **Discuss** the limits of science.

QCC Standards

1, 2, 3, 3.4, 4, 19, 19.1, 21.2, 24, 24.1, 25

Motivate

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

Teach

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| _____ Discussion, pp. 16, 18, 21, 24, TWE | ■ Activity: Testing Variables of a Pendulum, pp. 24–25 (Activity Worksheet, pp. 7–8, CRB) |
| _____ Visual Learning, p. 16, TWE | _____ Science and Language Arts, pp. 26–27 |
| _____ Science Online, pp. 17, 27 | _____ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 29–30, CRB) |
| _____ MiniLAB: Observing a Scientific Law, p. 19 (MiniLAB Worksheet, p. 4, CRB) | _____ Science Inquiry Lab, p. 29, TCR |
| _____ Health Integration, p. 20 | _____ Laboratory Activity 2, pp. 11–13, CRB |
| _____ Problem-Solving Activity, p. 21 | _____ Home and Community Involvement, p. 33, TCR |
| ■ Activity: Understanding Science Articles, pp. 23 (Activity Worksheet, pp. 5–6, CRB) | _____ Spanish Resources, Section 2, CRB |

Assess

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| ■ Section Assessment, p. 22 | _____ Performance Assessment in the Science Classroom, pp. 89, 91, 95, 145, 159, TCR |
| _____ Skill Builder Activities, p. 22 | |

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. 51, **TCR**
- _____ Reading and Writing Skill Activities, p. 43, **TCR**

Enrich/Apply

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| _____ Enrichment, p. 28, CRB | _____ Cultural Diversity, pp. 27, 29, TCR |
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Chapter Assessment

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| ■ Chapter Study Guide, pp. 28–29 | ■ Assessment Transparency, TCR , (Transparency Master and Study Guide, p. 45, CRB) |
| ■ Chapter Review, pp. 33–34, CRB | _____ Standardized Test Practice by The Princeton Review, pp. 11–14, TCR |
| ■ Chapter Assessment, pp. 30–31 | |
| ■ Chapter Test, pp. 35–38, CRB | |

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 1
- _____ Guided Reading Audio Program (English & Spanish), Ch. 1
- _____ MindJogger Videoquiz, Ch. 1
- _____ ExamView Pro Test Bank Software, Ch. 1
- _____ Interactive CD-ROM, Quiz, Ch. 1
- _____ Science Web site: science.glencoe.com