

Section 3 ■ Chemical Energy

Schedule

Block Schedule: 2 sessions (■ denotes activities recommended for block schedule.)

Single Periods: 4 sessions

Objectives

7. Determine where chemical energy is found.
8. Explain how reaction rates are changed.

National Standards

UCP3, A1, B3, E1, F4, G1

Motivate

- Section Focus Transparency 3, **TCR** (Transparency Master and Study Guide, p. 44, **CRB**)

Teach

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|---|---|
| _____ Visual Learning, pp. 605, 606, TWE | ■ Activity: Comparing Temperature Changes, pp. 610–611 (Activity Worksheet, pp. 7–8, CRB) |
| _____ Quick Demo, p. 605, 607, TWE | _____ Science and Language Arts, pp. 612–613 |
| _____ Inclusion Strategies, p. 606, 610, TWE | _____ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 31–32, CRB) |
| _____ Identifying Misconceptions, p. 606, TWE | _____ Science Inquiry Lab, p. 53, TCR |
| _____ Science Online, p. 607 | _____ Laboratory Activity 2, pp. 13–14, CRB |
| _____ Discussion, p. 607, TWE | _____ Spanish Resources, Section 3, CRB |
| _____ Use Science Words, p. 607, TWE | |
| ■ Activity: Converting Potential and Kinetic Energy, p. 609, (Activity Worksheet, pp. 5–6, CRB) | |

Assess

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|--|---|
| ■ Section Assessment, p. 608 | _____ Performance Assessment in the Science Classroom, pp. 89, 141, 145, TCR |
| _____ Skill Builder Activities, p. 608 | |

Reteach/Reinforce

- Directed Reading for Content Mastery, pp. 19, 20, **CRB**
- _____ Spanish Directed Reading for Content Mastery, pp. 23, 24, **CRB**
- Reinforcement, p. 27, **CRB**

Enrich/Apply

- _____ Enrichment, p. 30, **CRB**

Chapter Assessment

- Chapter Study Guide, pp. 614–615
- Chapter Review, pp. 33–36, **CRB**
- Chapter Assessment, pp. 616–617
- Chapter Test, pp. 37–40, **CRB**
- Assessment Transparency, **TCR**, (Transparency Master and Study Guide, p. 47, **CRB**)
- _____ Standardized Test Practice by The Princeton Review, pp. 83–86, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 20
- _____ Guided Reading Audio Program (English & Spanish), Ch. 20
- _____ MindJogger Videoquiz, Ch. 20
- _____ ExamView Pro Test Bank Software, Ch. 20
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com