

Section 3 ■ Energy Flow



Schedule

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

Objectives

- 7. **Explain** how organisms produce energy-rich compounds.
- 8. **Describe** how energy flows through ecosystems.
- 9. **Recognize** how much energy is available at different levels in a food chain.



QCC Standards

1, 2, 3.2, 3.4, 4, 19

Motivate

- Section Focus Transparency 3, **TCR** (Transparency Master and Study Guide, p. 46, **CRB**)

Teach

- _____ Earth Science Integration, p. 735
- _____ Discussion, pp. 735, 740, **TWE**
- _____ Activity, pp. 735, 740, **TWE**
- _____ Inclusion Strategies, pp. 735, 736, 738, **TWE**
- _____ Visual Learning, pp. 736, 741, **TWE**
- _____ Make a Model, p. 736, **TWE**
- _____ Use an Analogy, p. 736, **TWE**
- Activity: Where does the mass of a planet come from? pp. 738–739 (Activity Worksheet, pp. 7–8, **CRB**)
- _____ Science Stats, pp. 740–741
- _____ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 33–34, **CRB**)
- Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 47–48, **CRB**)
- _____ Spanish Resources, Section 3, **CRB**

Assess

- Section Assessment, p. 737
- _____ Skill Builder Activities, p. 737
- _____ Performance Assessment in the Science Classroom, pp. 89, 127, 145, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, pp. 21, 22, **CRB**
- _____ Spanish Directed Reading for Content Mastery, pp. 25, 26, **CRB**
- Reinforcement, p. 29, **CRB**
- _____ Mathematics Skill Activities, p. 9, **TCR**

Enrich/Apply

- _____ Enrichment, p. 32, **CRB**

Chapter Assessment

- Chapter Study Guide, pp. 742–743
- Chapter Review, pp. 37–38, **CRB**
- Chapter Assessment, pp. 744–745
- Chapter Test, pp. 39–42, **CRB**
- Assessment Transparency, **TCR**, (Transparency Master and Study Guide, p. 49, **CRB**)
- _____ Standardized Test Practice by The Princeton Review, pp. 107–110, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 25
- _____ Guided Reading Audio Program (English & Spanish), Ch. 25
- _____ MindJogger Videoquiz, Ch. 25
- _____ ExamView Pro Test Bank Software, Ch. 25
- _____ Interactive CD-ROM, Quiz, Ch. 25
- _____ Science Web site: science.glencoe.com