

## 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.

#### National Standards

UCP1, A1, B1, B3, C1, C4,  
D1, F2

### Motivate

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

### Teach

- \_\_\_\_\_ Earth Science Integration, p. 375
- \_\_\_\_\_ Discussion, pp. 375, 380, **TWE**
- \_\_\_\_\_ Activity, pp. 375, 380, **TWE**
- \_\_\_\_\_ Inclusion Strategies, pp. 375, 376, 378, **TWE**
- \_\_\_\_\_ Visual Learning, pp. 376, 381, **TWE**
- \_\_\_\_\_ Make a Model, p. 376, **TWE**
- \_\_\_\_\_ Use an Analogy, p. 376, **TWE**
- Activity: Where does the mass of a planet come from? pp. 378–379 (Activity Worksheet, pp. 7–8, **CRB**)
- \_\_\_\_\_ Science Stats, pp. 380–381
- \_\_\_\_\_ 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. 377
- \_\_\_\_\_ Skill Builder Activities, p. 377
- \_\_\_\_\_ 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. 382–383
- Chapter Review, pp. 37–38, **CRB**
- Chapter Assessment, pp. 384–385
- 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. 57–60, **TCR**

### Multimedia Options

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 13
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 13
- \_\_\_\_\_ MindJogger Videoquiz, Ch. 13
- \_\_\_\_\_ ExamView Pro Test Bank Software, Ch. 13
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)