

**CHAPTER**  
**13**

**Lesson  
Plans**

**Section 3 ■ Absolute Ages of Rocks**



**Schedule**

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

**Objectives**

- 7. **Identify** how absolute age differs from relative age.
- 8. **Describe** how the half-lives of isotopes are used to determine a rock's age.



**QCC Standards**

1, 2, 3.2, 4, 9, 13.1, 13.2, 14

**Motivate**

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

**Teach**

- \_\_\_\_\_ Lab Demonstration, p. 384, **TWE**
- \_\_\_\_\_ MiniLAB: Jelly Bean Carbon-14 Dating, p. 384 (MiniLAB Worksheet, p. 4, **CRB**)
- \_\_\_\_\_ Visual Learning, pp. 385, 387, **TWE**
- \_\_\_\_\_ Activity, pp. 385, 391, **TWE**
- \_\_\_\_\_ Quick Demo, p. 385, **TWE**
- \_\_\_\_\_ Problem-Solving Activity, p. 386
- \_\_\_\_\_ Science Journal, p. 386, **TWE**
- \_\_\_\_\_ Inclusion Strategies, p. 388, **TWE**
- Activity: Trace Fossils, pp. 388–389 (Activity Worksheet, pp. 7–8, **CRB**)
- \_\_\_\_\_ Oops! Accidents in Science, pp. 390–391
- \_\_\_\_\_ Discussion, p. 390, **TWE**
- \_\_\_\_\_ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 33–35, **CRB**)
- \_\_\_\_\_ Spanish Resources, Section 3, **CRB**

**Assess**

- Section Assessment, p. 387
- \_\_\_\_\_ Skill Builder Activities, p. 387
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 99, 109, 121, 151, 159, **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. 3, **TCR**

**Enrich/Apply**

- \_\_\_\_\_ Enrichment, p. 32, **CRB**
- \_\_\_\_\_ Cultural Diversity, p. 69, **TCR**

**Chapter Assessment**

- Chapter Study Guide, pp. 392–393
- Chapter Review, pp. 37–38, **CRB**
- Chapter Assessment, pp. 394–395
- 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. 59–62, **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
- \_\_\_\_\_ Interactive CD-ROM, Quiz, Ch. 13
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)

**TWE = Teacher Wraparound Edition,**  
**CRB = Chapter Resources Booklet, TCR = Teacher Classroom Resources**