

**CHAPTER**  
**19**

**Lesson Plans**

**Section 3 ■ Work and Simple Machines**  
**Schedule**

Block Schedule: 2 sessions (■ denotes activities recommended for block schedule.)  
Single Periods: 4 sessions

**Objectives**

- 7. Define work.
- 8. Distinguish the different types of simple machines.
- 9. Explain how machines make work easier.

**National Standards**

UCP3, A1, B2, E1, E2, F5, G1

**Motivate**

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

**Teach**

- \_\_\_\_\_ Life Science Integration, p. 571
- \_\_\_\_\_ Math Skills Activity, p. 571
- \_\_\_\_\_ Science Online, pp. 572, 580
- \_\_\_\_\_ Discussion, p. 572, **TWE**
- \_\_\_\_\_ MiniLAB: Observing Mechanical Advantage—Pulleys, p. 573 (MiniLAB Worksheet, p. 4, **CRB**)
- \_\_\_\_\_ Visual Learning, pp. 574, 581, **TWE**
- \_\_\_\_\_ Activity, pp. 574, 575, **TWE**
- \_\_\_\_\_ Quick Demo, p. 575, **TWE**
- \_\_\_\_\_ Activity: Motion, p. 577 (Activity Worksheet, pp. 5–6, **CRB**)
- \_\_\_\_\_ Activity: Methods of Travel, pp. 578–579 (Activity Worksheet, pp. 7–8, **CRB**)
- \_\_\_\_\_ Science Stats, pp. 580–581
- \_\_\_\_\_ Content Outline for Teaching, Section 3 (Note-taking Worksheet, pp. 31–33, **CRB**)
- \_\_\_\_\_ Home and Community Involvement, p. 40, **TCR**
- \_\_\_\_\_ Spanish Resources, Section 3, **CRB**

**Assess**

- Section Assessment, p. 576
- \_\_\_\_\_ Skill Builder Activities, p. 576
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 89, 133, 143, **TCR**

**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. 582–583
- Chapter Review, pp. 35–36, **CRB**
- Chapter Assessment, pp. 584–585
- 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. 79–82, **TCR**

**Multimedia Options**

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 19
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 19
- \_\_\_\_\_ MindJogger Videoquiz, Ch. 19
- \_\_\_\_\_ ExamView Pro Test Bank Software, Ch. 19
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)