

Section 3 ■ Simple Machines



Schedule

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

Objectives

7. **Distinguish** among the different simple machines.
8. **Describe** how to find the mechanical advantage of each simple machine.

QCC Standards

1, 2, 3.4, 12, 12.1, 12.2, 12.4, 12.5

Motivate

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

Teach

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| _____ Science Journal, p. 270, TWE | ■ Activity: Pulley Power, pp. 276–277
(Activity Worksheet, pp. 7–8, CRB) |
| _____ Identifying Misconceptions, pp. 270, 275, TWE | _____ Science and Society, pp. 278–279 |
| _____ Life Science Integration, p. 271 | _____ Science Online, p. 279 |
| _____ Activity, pp. 271, 273, TWE | _____ Content Outline for Teaching, Section 3
(Note-taking Worksheet, pp. 33–35, CRB) |
| _____ Lab Demonstration, p. 272, TWE | _____ Laboratory Activity 2, pp. 13–16, CRB |
| _____ Use Science Words, p. 272, TWE | _____ Home and Community Involvement, p. 44, TCR |
| _____ Visual Learning, pp. 273, 274, TWE | _____ Spanish Resources, Section 3, CRB |
| _____ MiniLAB: Observing Pulleys, p. 274
(MiniLAB Worksheet, p. 4, CRB) | |

Assess

- Section Assessment, p. 275
- _____ Skill Builder Activities, p. 275
- _____ Performance Assessment in the Science Classroom, pp. 97, 101, 127, **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**

Enrich/Apply

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

Chapter Assessment

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|---|---|
| ■ Chapter Study Guide, pp. 280–281 | ■ Assessment Transparency, TCR , (Transparency Master and Study Guide, p. 49, CRB) |
| ■ Chapter Review, pp. 37–38, CRB | _____ Standardized Test Practice by The Princeton Review, pp. 39–42, TCR |
| ■ Chapter Assessment, pp. 282–283 | |
| ■ Chapter Test, pp. 39–42, CRB | |

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 9
- _____ Guided Reading Audio Program (English & Spanish), Ch. 9
- _____ MindJogger Videoquiz, Ch. 9
- _____ ExamView Pro Test Bank Software, Ch. 9
- _____ Interactive CD-ROM, Quiz, Ch. 9
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com