

Section 3 ■ Doing Work with Fluids

Schedule

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

Objectives

6. **Explain** how forces are transmitted through fluids.
7. **Describe** how a hydraulic system increases force.
8. **Describe** Bernoulli's principle.

National Standards

UCP3, A1, B2, E2, F3, F5, G1, G2, G3

Motivate

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

Teach

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| ___ Inclusion Strategies, p. 705, TWE | ___ Science and Language Arts, pp. 712–713 |
| ___ Science Online, p. 706 | ___ Content Outline for Teaching, Section 3 |
| ___ Quick Demo, p. 706, TWE | ___ (Note-taking Worksheet, pp. 33–35, CRB) |
| ___ MiniLAB: Observing Bernoulli's Principle,
p. 707 (MiniLAB Worksheet, p. 4, CRB) | ■ ___ Teaching Transparency, TCR (Transparency
Master and Study Guide, pp. 47–48, CRB) |
| ___ Visual Learning, p. 708, TWE | ___ Laboratory Activity 2, pp. 13–16, CRB |
| ■ ___ Activity: Barometer Pressure and Weather,
pp. 710–711 (Activity Worksheet, pp. 7–8, CRB) | ___ Home and Community Involvement, p. 46, TCR |
| | ___ Spanish Resources, Section 3, CRB |

Assess

- ___ Section Assessment, p. 709
- ___ Skill Builder Activities, p. 709
- ___ Performance Assessment in the Science Classroom, pp. 101, 127, **TCR**

Reteach/Reinforce

- ___ Directed Reading for Content Mastery, pp. 21, 22, **CRB**
- ___ Spanish Directed Reading for Content Mastery, pp. 24, 25, **CRB**
- ___ Reinforcement, p. 29, **CRB**

Enrich/Apply

- ___ Enrichment, p. 32, **CRB**
- ___ Cultural Diversity, p. 27, **TCR**

Chapter Assessment

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| ■ ___ Chapter Study Guide, pp. 714–715 | ■ ___ 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. 97–100, TCR |
| ■ ___ Chapter Assessment, pp. 716–717 | |
| ■ ___ Chapter Test, pp. 39–42, CRB | |

Multimedia Options

- ___ Vocabulary Puzzlemaker Software, Ch. 23
- ___ Guided Reading Audio Program (English & Spanish), Ch. 23
- ___ MindJogger Videoquiz, Ch. 23
- ___ ExamView Pro Test Bank Software, Ch. 23
- ___ Using the Internet in the Science Classroom, **TCR**
- ___ Science Web site: science.glencoe.com