

## Section 2 ■ Why do objects float?

### Schedule

Block Schedule: 1 session (■ denotes activities recommended for block schedule.)

Single Periods: 2 sessions

### Objectives

3. **Explain** how the pressure in a fluid produces a buoyant force.
4. **Define** density.
5. **Explain** floating and sinking using Archimedes' principle.

#### National Standards

UCP3, A1, B2, E2, G3

### Motivate

- Section Focus Transparency 2, **TCR** (Transparency Master and Study Guide, p. 45, **CRB**)

### Teach

- \_\_\_\_\_ Quick Demo, pp. 697, 699, 700, **TWE**
- \_\_\_\_\_ Use Science Words, p. 697, **TWE**
- \_\_\_\_\_ Extension, pp. 697, 699, **TWE**
- \_\_\_\_\_ Teacher FYI, pp. 697, 698, **TWE**
- \_\_\_\_\_ Discussion, pp. 698, 700, **TWE**
- \_\_\_\_\_ Cultural Diversity, p. 698, **TWE**
- \_\_\_\_\_ Visual Learning, pp. 699, 701, **TWE**
- \_\_\_\_\_ Activity, p. 699, **TWE**
- \_\_\_\_\_ Earth Science Integration, p. 700
- \_\_\_\_\_ Problem-Solving Activity, p. 700
- \_\_\_\_\_ Science Journal, p. 700, **TWE**
- \_\_\_\_\_ Use an Analogy, p. 700, **TWE**
- \_\_\_\_\_ Curriculum Connection, p. 701, **TWE**
- Activity: Measuring Buoyant Force, p. 703 (Activity Worksheet, pp. 5–6, **CRB**)
- \_\_\_\_\_ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 33–35, **CRB**)
- \_\_\_\_\_ Spanish Resources, Section 2, **CRB**

### Assess

- Section Assessment, p. 702
- \_\_\_\_\_ Skill Builder Activities, p. 702
- \_\_\_\_\_ Performance Assessment in the Science Classroom, pp. 145, **TCR**

### Reteach/Reinforce

- Directed Reading for Content Mastery, p. 20, **CRB**
- \_\_\_\_\_ Spanish Directed Reading for Content Mastery, p. 24, **CRB**
- Reinforcement, p. 28, **CRB**
- \_\_\_\_\_ Mathematics Skill Activities, p. 24, **TCR**
- \_\_\_\_\_ Reading and Writing Skill Activities, p. 19, **TCR**

### Enrich/Apply

- \_\_\_\_\_ Enrichment, p. 31, **CRB**

### Multimedia Options

- \_\_\_\_\_ Vocabulary Puzzlemaker Software, Ch. 23
- \_\_\_\_\_ Guided Reading Audio Program (English & Spanish), Ch. 23
- \_\_\_\_\_ Using the Internet in the Science Classroom, **TCR**
- \_\_\_\_\_ Science Web site: [science.glencoe.com](http://science.glencoe.com)