

CHAPTER
4

Lesson Plans

Section 2 ■ Moving Cellular Materials

Schedule

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

Single Periods: 3 sessions

Objectives

4. **Describe** the function of a selectively permeable membrane.
5. **Explain** how the processes of diffusion and osmosis move molecules in living cells.
6. **Explain** how passive transport and active transport differ.

National Standards

UCP4, A1, C1, C3

Motivate

- Section Focus Transparency 2, **TCR** (Transparency Master and Study Guide, p. 43, **CRB**)

Teach

- _____ MiniLAB: Observing Diffusion, p. 107 (MiniLAB Worksheet, p. 4, **CRB**)
- _____ Discussion, p. 108, **TWE**
- _____ Quick Demo, p. 108, **TWE**
- _____ Lab Demonstration, p. 108, **TWE**
- _____ Health Integration, p. 109
- _____ Use an Analogy, p. 109, **TWE**
- _____ Cultural Diversity, p. 109, **TWE**
- _____ Use Science Words, p. 110, **TWE**
- _____ Visual Learning, p. 111, **TWE**
- _____ Activity, p. 111, **TWE**
- Activity: Observing Osmosis, p. 112 (Activity Worksheet, pp. 5–6, **CRB**)
- _____ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 31–33, **CRB**)
- _____ Laboratory Activity 1, pp. 9–10, **CRB**
- _____ Home and Community Involvement, p. 47, **TCR**
- _____ Spanish Resources, Section 2, **CRB**

Assess

- Section Assessment, p. 110
- _____ Skill Builder Activities, p. 110
- _____ Performance Assessment in the Science Classroom, pp. 93, 97, 105, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, p. 18, **CRB**
- _____ Spanish Directed Reading for Content Mastery, p. 22, **CRB**
- Reinforcement, p. 26, **CRB**

Enrich/Apply

- _____ Enrichment, p. 29, **CRB**
- _____ Life Science Critical Thinking/Problem-Solving, p. 15, **TCR**

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 4
- _____ Guided Reading Audio Program (English & Spanish), Ch. 4
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com