CHAPTER 3 Lesson Plans

Section 2 ▪ Moving Cellular Materials

Schedule

Block Schedule: 1 session *(■ denotes activities recommended for block schedule.)*
Single Periods: 2 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.

QCC Standards

1, 2, 3.4, 6.4

Motivate

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

Teach

_____ MiniLAB: Observing Diffusion, p. 75 (MiniLAB Worksheet, p. 4, ***CRB***)
_____ Discussion, p. 76, ***TWE***
_____ Quick Demo, p. 76, ***TWE***
_____ Lab Demonstration, p. 76, ***TWE***
_____ Health Integration, p. 77
_____ Use an Analogy, p. 77, ***TWE***
_____ Cultural Diversity, p. 77, ***TWE***
_____ Use Science Words, p. 78, ***TWE***
_____ Visual Learning, p. 79, ***TWE***
_____ Activity, p. 79, ***TWE***
■____ Activity: Observing Osmosis, p. 80 (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. 78
_____ Skill Builder Activities, p. 78
_____ 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. 3
_____ **Guided Reading Audio Program (English & Spanish)**, Ch. 3
_____ **Interactive CD-ROM**, Exploration, Ch. 3
_____ Using the Internet in the Science Classroom, ***TCR***
_____ Science Web site: **science.glencoe.com**

TWE = Teacher Wraparound Edition,
CRB = Chapter Resources Booklet, TCR = Teacher Classroom Resources