

CHAPTER  
**19**

Lesson  
Plans

# Section 2 ■ Newton's Laws of Motion

## Schedule

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

Single Periods: 4 sessions

### Objectives

4. **Describe** how forces affect motion.
5. **Calculate** acceleration using Newton's second law of motion.
6. **Explain** Newton's third law of motion.

#### National Standards

UCP3, A1, B2

### Motivate

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

### Teach

- Life Science Integration, p. 563
- Activity, pp. 563, 566, **TWE**
- Quick Demo, p. 563, **TWE**
- MiniLAB:Determining Weights in Newtons, p. 564 (MiniLAB Worksheet, p. 3, **CRB**)
- Discussion, pp. 565, 566, 567, **TWE**
- Use Science Words, p. 565, **TWE**
- Science Online, p. 566
- Math Skills Activity, p. 566
- Identifying Misconceptions, pp. 566, 567, **TWE**
- Visual Learning, pp. 565, 568, **TWE**
- Lab Demonstration, p. 567, **TWE**
- Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 31–33, **CRB**)
- Teaching Transparency, **TCR** (Transparency Master and Study Guide, pp. 45–46, **CRB**)
- Laboratory Activity 2, pp. 13–14, **CRB**
- Spanish Resources, Section 2, **CRB**

### Assess

- Section Assessment, p. 569
- Skill Builder Activities, p. 569
- Performance Assessment in the Science Classroom, pp. 89, 147, **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**
- Physical Science Critical Thinking/Problem-Solving, p. 3, **TCR**
- Cultural Diversity, p. 63, **TCR**

### Multimedia Options

- Vocabulary Puzzlemaker Software, Ch. 19
- Guided Reading Audio Program (English & Spanish), Ch. 19
- Using the Internet in the Science Classroom, **TCR**
- Science Web site: [science.glencoe.com](http://science.glencoe.com)