

Section 1 ■ Properties of Light

Schedule

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

Single Periods: 2 sessions

Objectives

1. Describe the wave nature of light.
2. Explain how light interacts with materials.
3. Determine why objects appear to have color.

National Standards

UCP2, A1, B3

Motivate

- _____ Explore Activity, p. 663
- _____ Before You Read, p. 663 (Foldables, p. 17, **CRB**)
- _____ Section Focus Transparency 1, **TCR** (Transparency Master and Study Guide, p. 48, **CRB**)

Teach

- _____ Content Background, pp. 662E–662F, **TWE**
- _____ Identifying Misconceptions, p. 665, **TWE**
- _____ Teacher FYI, p. 665, **TWE**
- _____ MiniLAB: Observing Colors in the Dark, p. 665 (MiniLAB Worksheet, p. 3, **CRB**)
- _____ Use Science Words, p. 666, **TWE**
- _____ Make a Model, p. 666, **TWE**
- _____ Curriculum Connection, p. 666, **TWE**
- _____ Extension, pp. 666, 667, **TWE**
- _____ Visual Learning, p. 667, **TWE**
- _____ Quick Demo, p. 667, **TWE**
- _____ Content Outline for Teaching, Section 1 (Note-taking Worksheet, pp. 35–38, **CRB**)
- _____ Laboratory Activity 1, pp. 9–12, **CRB**
- _____ Laboratory Activity 2, pp. 13–16, **CRB**
- _____ Spanish Resources, Section 1, **CRB**

Assess

- _____ Section Assessment, p. 668
- _____ Skill Builder Activities, p. 668
- _____ Performance Assessment in the Science Classroom, pp. 89, 95, 127, **TCR**

Reteach/Reinforce

- _____ Directed Reading for Content Mastery, pp. 19, 20, **CRB**
- _____ Spanish Directed Reading for Content Mastery, pp. 23, 24, **CRB**
- _____ Reinforcement, p. 27, **CRB**

Enrich/Apply

- _____ Enrichment, p. 31, **CRB**
- _____ Life Science Critical Thinking/Problem-Solving, p. 8, **TCR**

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