

Section 2 ■ How Elements Bond

Schedule

Block Schedule: 2.5 sessions (■ denotes activities recommended for block schedule.)

Single Periods: 5 sessions

Objectives

4. Compare and contrast ionic and covalent bonds.
5. Identify the difference between polar and nonpolar covalent bonds.
6. Define chemical shorthand.

National Standards

UCP2, A1, B1, G1, G2

Motivate

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

Teach

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|---|---|
| _____ Physics Integration, p. 579 | _____ Science and Language Arts, pp. 590–591 |
| _____ MiniLAB: Constructing a Model of Methane, p. 581 (MiniLAB Worksheet, p. 4, CRB) | _____ Content Outline for Teaching, Section 2 (Note-taking Worksheet, pp. 31–32, CRB) |
| _____ Science Online, p. 583 | _____ Science Inquiry Lab, p. 25, TCR |
| ■ Activity: Ionic Compounds, p. 587 (Activity Worksheet, pp. 5–6, CRB) | _____ Laboratory Activity 2, pp. 13–16, CRB |
| ■ Activity: Atomic Structure, pp. 588–589 (Activity Worksheet, pp. 7–8, CRB) | _____ Home and Community Involvement, p. 42, TCR |
| | _____ Spanish Resources, Section 2, CRB |

Assess

- Section Assessment, p. 586
- _____ Skill Builder Activities, p. 586
- _____ Performance Assessment in the Science Classroom, pp. 101, 123, 127, 135, **TCR**

Reteach/Reinforce

- Directed Reading for Content Mastery, pp. 21, 22, **CRB**
- _____ Spanish Directed Reading for Content Mastery, pp. 25, 26, **CRB**
- Reinforcement, p. 28, **CRB**
- _____ Mathematics Skill Activities, p. 47, **TCR**

Enrich/Apply

- _____ Enrichment, p. 30, **CRB**
- _____ Life Science Critical Thinking/Problem-Solving, p. 15, **TCR**

Chapter Assessment

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|---|---|
| ■ Chapter Study Guide, pp. 592–593 | ■ Assessment Transparency, TCR , (Transparency Master and Study Guide, p. 47, CRB) |
| ■ Chapter Review, pp. 35–36, CRB | _____ Standardized Test Practice by The Princeton Review, pp. 81–84, TCR |
| ■ Chapter Assessment, pp. 594–595 | |
| ■ Chapter Test, pp. 37–40, CRB | |

Multimedia Options

- _____ Vocabulary Puzzlemaker Software, Ch. 19
- _____ Guided Reading Audio Program (English & Spanish), Ch. 19
- _____ MindJogger Videoquiz, Ch. 19
- _____ ExamView Pro Test Bank Software, Ch. 19
- _____ Using the Internet in the Science Classroom, **TCR**
- _____ Science Web site: science.glencoe.com