

## Chapter 4: Classifying Elements

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### Lesson 4:1 What Are Symbols?

Explain what a symbol is.

Explain how element symbols are alike and different.

Identify symbols for common elements.

Investigation 4-1 Finding Iron in Your Cereal

Lab Manual 13: Finding Iron in Your Cereal

Workbook Activity 18: Words from Chemical Symbols

Lesson 4:1 Review p. 94

### Lesson 4:2 Using the Periodic Table

Explain how elements are arranged in the periodic table.

Explain the information contained in each box in the periodic table.

Explain what an isotope is.

Explain how elements in the periodic table are grouped in columns.

Lab Manual 14: Exploring Elements

Workbook Activity 19: Using the Periodic Table

Lesson 4:2 Review p. 105

### Lesson 4:3 Metals, Nonmetals, and Noble Gases

Describe the properties of metals.

Explain what non-metals are.

Explain what noble gases are.

Lab Manual 15 Analyzing Common Compounds

Investigation 4-2 Electricity and Metals

Lab Manual 16: Electricity and Metals

Workbook Activity 20: Classifying Elements: Terms Review

Lesson 4:3 Review p. 110

Chapter 4 Review p114-115

Chapter 4 Mastery Test