

Chapter 6: How Matter Changes

balance, 157 chemical equation, 155 chemical reaction, 150 coefficient, 157 decomposition reaction, 162 dissolve, 151	double-replacement reaction, 165 law of conservation of matter, 156 mixture, 150 precipitate, 165 product, 155 reactant, 155	single-replacement reaction, 164 solute, 151 solvent, 151 solution, 151 synthesis reaction, 160
--	---	---

Lesson 6:1 What Is a Reaction?

Explain a reaction.

Explain the difference between solutions, solutes, and solvents.

Investigation 6-1 Separating a Mixture

Lab Manual 22: Separating a Mixture

Lab Manual 21: Speed of Dissolving

Workbook Activity 26: Reactions and Solutions

Lesson 6:1 Review p. 152

Lesson 6:2 Using Chemical Equations to Show Reactions

Explain how a chemical equation describes a chemical reaction.

Balance chemical equations.

Workbook Activity 27: Using Chemical Equations to Show Reactions

Lesson 6:2 Review p. 159

Lesson 6:3 Synthesis and Decomposition Reactions

Identify synthesis reactions.

Identify decomposition reactions.

Lab Manual 23: Temperature and Chemical Reactions

Workbook Activity 28: Synthesis and Decomposition Reactions

Lesson 6:3 Review p. 163

Lesson 6:4 Single- and Double-Replacement Reactions

Identify single-replacement reactions.

Identify double-replacement reactions.

Lesson 6:4 Review p. 166

Workbook Activity 29: How Matter Changes: Terms Review

Investigation 6-2 Observing Different Kinds of Reactions.

Lab Manual 24: Observing Different Kinds of Reactions

Chapter 6 Review p. 170-171

Chapter 6 Mastery Test