

Unit B: Chemistry

SNC2D

| Day | Topic | Expectations | Homework |
|-----|--|--------------------------------|--|
| 1 | 4.1 Matter The Periodic Table of The Elements B3 Water and Calcium demo | C2.1 | p. 153 # 1-7 # 9-12 Periodic table activity |
| 2 | 4.2 Compounds: Ionic Compounds Nomenclature Package Cubing Activity | C2.1, C3.8 | p. 171 # 1-6 p. 250 # 49 – 51 |
| 3 | 4.1 Compounds: Polyatomic Compounds | C2.1, C3.8 | p. 171 # 7-8 |
| 4 | 4.2 Compounds: Molecular Compounds | C2.1, C3.1, C3.8 | p. 171 # 9-13 |
| 5 | Compounds: Summary B6 Quick Lab: Ionic Compounds | C2.1, C3.1, C3.8 | Summative: Work on Nomenclature Package |
| 6 | B7 Quick Lab: Modeling Molecules **Nomenclature Package Due | C2.2 | p. 170 # 2-9 |
| 7 | 4.3 Chemical Reactions Conservation of Mass | C2.1, C2.2, C3.2, C3.4 | p. 187 # 1, 3 p. 190 # 9 |
| 8 | B11 Does mass change during chemical reactions (Part 1) | C2.4 | p. 185 # 20-27 |
| 9 | 4.3 Writing Balanced Chemical Equations | C2.1, C3.2, C3.4 | Study Nomenclature for quiz |
| 10 | Nomenclature Quiz Seatwork: p. 187 # 5,6 p. 190 # 8, 20 | C2.1, C3.1, C3.2, C3.4, C3.8 | Finish textbook questions. |
| 11 | 5.1 Acids and Bases Identifying Acids and Bases pH Lab Activity | C2.6, C3.7, C3.8 | p. 203 # 3 p. 218 # 4, 9, 13, 15 |
| 12 | 5.1 Identifying and Naming Acids Identifying and Naming Bases | C3.7, C3.8 | p. 203 # 7,8 p. 218 #10, 11, 20 |
| 13 | 5.2 Neutralization Reactions Using Neutralization to Environmental Challenges | C1.1, C1.2, C2.3 C3.6, C3.4 | p. 250 # 41, 54, 68, 79 B16 STSE Read and answer # 1-2 B17 Read and answer # 1-3 |
| 14 | B18 Inquiry Activity | C2.3 | Summative: Complete Formal Lab Report |
| 15 | 6.1 Types of Chemical Reactions -Hoffman apparatus demo | C2.1, C2.3 | p. 229 #1-10 |
| 16 | B21 Inquiry Activity: Synthesis of Iron(III)Oxide | C2.3, C3.5 | p. 228 B22 # 11-14 |
| 17 | 6.2 Combustion reactions - 18L alcohol demo - Floating candle demo Combustion Reactions and the Environment ** B18 Lab Report Due | C1.1, C1.2, C2.3 | p. 240 # 4, 7, 11 p. 250 # 53, 59 |
| 18 | B26 Inquiry Activity: Single Displacement Reaction Reaction Summary | C2.3, C3.3 | p. 239 # 8-11 |
| 19 | Review Class | | |
| 20 | UNIT TEST | | |

Revised: Feb. 2015