

Unit B: Chemistry

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		