

Pacing Guide

Day	Lab or Activity	Student Worksheet	Lecture/Class Notes	Assessment
Unit 2: The Nature of Chemistry				
1, 2	Lab 2:4 Chem Survey			Lab 2:4 -see lesson plans for rubric
3, 4			Notes 2:3 Classification of Matter	Concept Map -see lesson plans for rubric
5,6,7	Lab 2:5 Separation Lab		Notes 2:5 Solvent & Solute	Lab 2:5 Report -see lesson plans for rubric
8,9,10	Lab 2:6 Chromatography Lab 2:7 Chromatography Lab Assessment		Notes 2:8 Chromatography	Labs 2:6 & 2:7 -see lesson plans for rubric
11,12	Review Physical properties, labs, classifying matter, & Chem Survey on Day 11			Unit 2:4 Test on Day 12 -see test for rubric
13		Worksheet #3 Density	Notes 2:13 Density	Worksheet #3 -see lesson plans for rubric
15, 16	Lab 2:8 Density			Lab 2:8 -see lab for rubric
17	Lab 2:9 Density Lab Assessment			Lab 2:9 -see labs for rubric
18		Worksheet #4 Significant Figures	Notes 2:18 Significant Figures	
19		Worksheet #4 Significant Figures continued	Notes 2:19 Significant Figures Calculations	Worksheet #4 -see lesson plans for rubric
20, 21	Review density & significant figures on Day 20			Quiz 2:7 Density & Significant Figures- see quiz for rubric
Unit 3: Experimental and Historical Chemistry				
1	Several Teacher demonstrations		Notes 3:1 Physical and Chemical Changes	Observations of Demonstrations -see lesson plans for rubric
2	"Chemistry in a Bag" activity			
3, 4	Lab 3:10 Aluminum & Copper (II) Chloride			Lab 3:10 -see lab for rubric

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5	Lab 3:11 Kinetic Theory of Matter		Notes 3:4 Kinetic Theory	Lab 3:11 -see lab for rubric
6		Worksheet #5 FMEA		Quiz 3:9 Physical & Chemical Changes -see quiz for rubric
7			Notes 3:6 History of the Atom	
9		Worksheet #6 Parts of the Atom	Notes 3:7 Parts of the Atom	Worksheet #6 -see worksheet for rubric
10	Lab 3:12 Isotopes on Days 12 & 13 History of Atomic Energy movie on Day 14	Worksheet #7 Radiation	Notes 3:8 Radioactive Decay	Worksheet #7 -see worksheet for rubric
11, 12,13, 14	Research paper on the pros and cons of atomic energy		Notes 3:9 Isotopes on Day 11	Lab 3:12 -see lab for rubric
15, 16	Review nuclear chemistry, history of the atom, parts of the atom on Day 17			Research essay -see lesson plans for rubric
17, 18				Test 3:10 on Day 18 -see test for rubric
Unit 4: Periodic Table				
1	Lab 4:14 Periodic Trends		Notes 4:1 Periodic Table	Lab 4:14 -see lab for rubrics
2, 3 4, 5	Lab 4:15 Metals & Nonmetals Lab 4:16 Periodic Table Wet Lab Lab 4:17 Metal Reactivity Lab 4:18 Flame Test		Notes 4:2 Trends	
6-14	"Chem Bingo"			Labs 4:15 – 4:18 -see labs for rubrics
15				-see lesson plans for rubric
16, 17	Review Periodic Table on Day 18 Lab 4:19	Worksheet #8 Logic Puzzles		-see lesson plans for rubric