

PACING GUIDE

Unit 3 – Nuclear Chemistry

DAY	Lab or Activity	Student worksheet	Lecture -- Class notes	AV presentation	Follow-up	Homework	Assessment
1			Definitions CN: 3: 1: A-C	PowerPoint Slides #132-139			
2			Radioactive decay CN: 3: 2: A-C	PowerPoint Slides #140-146			
3			Balancing Nuclear reactions, Half-lives CN: 3: 3: A-C	PowerPoint Slides #147-151			
4			Artificial Radioactivity CN: 3: 4: A-B	PowerPoint Slides #152-155		Unit 3:1 Nuclear Chemistry	
5			Effects of radiation CN: 3:5: A-E	PowerPoint Slides #156-166	Review Homework		
6	Lab 11: Electron Configurations				Review Homework		
7							Test: Unit 3

PACING GUIDE

Unit 4 – Stoichiometry

DAY	Lab or Activity	Student worksheet	Lecture -- Class notes	AV presentation	Follow-up	Homework	Assessment
1		Unit 4 Reference Sheets	Rules to determine Oxidation numbers, CN: 4:1: A-F	PowerPoint Slides #167-178			
2			Solubility Rules CN: 4:2: A-G	PowerPoint Slides #179-198			
3			Mass Relationships/Mathem atical skills CN: 4:3: A-B	PowerPoint Slides #199-203			
4	Lab 9: Mass and Mole Relationships in a Chemical Reaction		Conversion map CN: 4:4: A	PowerPoint Slide #204			
5			Determining percent composition CN: 4:5: A-C	PowerPoint Slides #205-212			
6			Balancing reactions CN: 4:6: A-D	PowerPoint Slides #213-223		Unit 4:1 Balancing Reactions, Molar Masses, Percent Composition and Empirical Formulas	
7			Stoichiometry CN: 4:7: A-F	PowerPoint Slides #224-234	Review Homework	Unit 4:2 Stoichiometry Problems	
8			Example of Limiting Reactant CN: 4:8: A-B	PowerPoint Slides #235-241	Review Homework	Unit 4:3 Stoichiometry Problems	
9					Review Homework		
10					Review Homework		

PACING GUIDE

Unit 4 - Stoichiometry

DAY	Lab or Activity	Student worksheet	Lecture -- Class notes	AV presentation	Follow-up	Homework	Assessment
11					Review Homework		
12							Unit 4: Test
13	Lab 10:Molar Relationships						