

Chemistry Assignments

2007-2008

Unit 7: Topics in Chemistry

Date / Hours	Textbook Assignment	Written Assignment	Lab Assignment	Science Fair Assignment
	19.1 Acids & Bases Intro	1-2, 4-5, 7-9		
	19.2 Strengths of Acids & Bases	10-11, 12-17		
	19.3 What is pH?	18-23, 27	Read Lab 19.1; Do Pre-Lab questions	
Apr. 23			Lab 19: Perform and write up	
	19.4 Neutralization	29, 30, 32, 33cd		
		pp. 630-633: 41, 49, 63, 65, 73, 78, 81, 90ac, 91, 95; STP		
	20.1 Oxidation & Reduction	1-3, 4-5, 8-10		
	20.2 Balancing Redox Equations	12, 14, 15, 17, 20ac, 21ac	p. 647: Problem-solving lab (Extra Credit)	
	20.3 Half-Reactions	24-26, 27-29	Read Lab 20.2; Do Pre-Lab questions	
Apr. 30			Lab 20: Perform and write up	
		pp. 658-661: 46, 49, 51, 54-55, 59; STP		
	21.1 Voltaic Cells	1-2, 4-6, 9-11		
	21.2 Types of Batteries	14, 19		
	21.3 Electrolysis	21, 23, 24	Read ChemLab 21; Write up Pre-Lab	
May 7			Lab 21: Perform and write up	
		pp. 692-693: 26, 30, 36, 44-46; STP		
	25.1 Nuclear Radiation	2, 3		
	25.2 Radioactive Decay	6-9, 11-13		
	25.3 Transmutation	15-16, 18-19, 22		
	25.4 Fission & Fusion	25, 26, 29		
	25.5 Applications & Effects		Read Lab 25.1; Do Pre-Lab questions*	
May 14			Lab 25: Perform and write up	
		pp. 836-837: 39, 43, 55-56, 71, 74-75, 78, 81; STP		
May 15/16			Test 7	
			review	
			review	
May 21			Lab Practical B	
		review		
		review		
May 28			SAT II Review (optional)	

* bonus point for finding the mistake in the pre-lab