

PRE-AP CHEMISTRY LESSON PLAN
UNIT 02: ATOMIC THEORY AND THE STRUCTURE OF MATTER
OCTOBER 1, 2007 – OCTOBER 5, 2007

DAY	OBJECTIVE(S)	ACTIVITIES
MONDAY	1. Use periodic trends to characterize atoms. 2. Practice the use of periodic trends. 3. Finish any lab measurements needed.	UNIT DAY 1 1. Warm Up: Notes and Definitions 2. Lecture and Notes: Periodic Trends 3. Practice: Periodic Trends
		HW: Flame Test Lab due Tuesday
TUESDAY	1. Practice using periodic trends. 2. Learn about alpha, beta and gamma decay. 3. Practice predicting changes based on nuclear decay.	UNIT DAY 2 1. Warm Up: Review periodic trends 2. Lecture and Notes: Nuclear Decay and Nuclear Equations 3. Practice: Nuclear Equations 4. Notes and Practice: Half-life
		HW:
WEDNESDAY/ THURSDAY BLOCK	1. Review the structure of atoms and matter. 2. Assess class learning with the Unit 2 exam.	UNIT DAY 3 (90 min) 1. Review for the Unit 2 Test 2. Atomic theory and structure test
		HW:
FRIDAY	1. Discuss the uses of nuclear power.	UNIT DAY 4 1. Warm Up: Applications of nuclear power 2. Lecture and Notes: Atomic power and its applications 3. Discussion: Pre-AP standards
		HW: