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|  | AP Chemistry | Honors Chemistry |
| Monday | No School – In-service | No School – In-service |
| Tuesday | 1. Review Chapter 4 exam 2. Review POGIL Mass Spectrometry   Chapter 6 – Electronic Structure of the Atom.   1. 6.1 The Wave Nature of Light 2. 6.2 Quantized Energy and photons 3. HW: TB Questions 6.1-6.2 | 1. Note: Several students need to finish 5.1-5.2 quiz. 2. Start notes 5.3 -- Atomic Emission Spectrum & the Quantum Mechanical Model    1. 5.3.1 – Causes of Atomic Emission Spectra    2. 5.3.2- The Photo electric affect    3. 5.3.3 – Emitted Frequencies of light from an atom & changes in electron energies. |
| Wednesday | Review TB Questions 6.1-6.2   1. 6.3 Line Spectra 2. 6.4 The Wave Behavior of Matter 3. HW: On-line 6.3-6.4   Notes & Discussion:   * 6.5 Quantum Mechanics * 6.6 Representations of Orbitals * 6.7 Many-Electron Atoms   Note: Finish notes at Home using pberan.weebly.com | 1. Review Quiz Results 5.1-5.2 2. Finish Notes 5.3- Atomic Emission Spectrum & the Quantum Mechanical Model    1. 5.3.4 Quantum Nos. 3. Quantum Numbers Practice 4. Complete HW 5.3 |
| Thursday | * HW: TB Questions 6.5-6.9 Exam Questions | Grade: 5.3  Complete POGIL Electron Energy & Light  Complete chapter 5 Review. |
| Friday | ~~Review~~  ~~Lab: Flame Tests and Atomic Emission Spectra~~  ~~HW: FRQ for Chapter 7~~  TB Questions 6.5-6.8 Practice | ~~Grade: POGIL Electron Energy & Light - Chapter 5 Review.~~  Lab: Atomic Emission Spectra  Complete Calculations at Home |
|  | What are we learning? Atomic Theory and Structure  Why are we learning this? The structure of the atom determines chemical activity  How will we know when we have learned this? By demonstrating understanding and competency on assignments, lab activities and exams | What are we learning? Atomic Theory and Structure  Why are we learning this? The structure of the atom determines chemical activity  How will we know when we have learned this? ? By demonstrating understanding and competency on assignments, lab activities and exams |