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|  | AP Chemistry | Honors Chemistry |
| Monday | 1. Hand in Answers to TB Questions 6.5-6.8 Practice 2. Complete: 3. Notes: Atomic Theory II From AP Chem Solutions    1. Waves & Light    2. Quantum Theory    3. 1st Ionization Energy    4. The Shell Model    5. PES    6. The Shielding effect 4. Complete worksheet: Atomic Theory II during lecture & discussion. | Review Results Lab: Atomic Emission Spectra  Grade Chapter 5 review  Complete 5.2 5.3 |
| Tuesday | 1. Review Quiz 6 results 2. Finish Notes Atomic Theory II From AP Chem Solutions 3. Complete worksheet: Atomic Theory II | Quiz 5.2-5.3  50 M/C  1O Problems |
| Wednesday | Review/ Grade: Worksheet Atomic Theory II  Review Slides 30 -50 🡪 [AP Chemistry PES Webcast from the College board](https://secure-media.collegeboard.org/digitalServices/swf/ap-webcasts/chemistry/ap_chem_pes.html) | 1. Finish Problems part of Quiz 2. Review M/C Quiz 5.2-5.3 Results 3. Complete 5.3 CSA Review    1. Note CSA will be Monday.. |
| Thursday | 1. Notes Atomic Theory III From AP Chem Solutions    1. The Orbital    2. Electron Configuration    3. Atomic & Ionic Radius    4. Ionization Energy    5. Electronegativity 2. Complete worksheet: Atomic Theory III during lecture & discussion | 1. Notes & Discussion 6.1 Organizing the Elements.    1. Demos: Sodium Demonstration 2. HW: Complete ***Section Review 6.1 & Problems*** 3. ~~Lab: Mendeleev for a Day~~ 4. ~~Pumpkin Demo~~ |
| Friday | STATE CROSS COUNTRY AT Kearney   1. Complete MC & Free Response problems during class. Hand in at end of period. | STATE CROSS COUNTRY AT Kearney   1. Videos- The Periodic Table for Students Series:    1. ***Properties of Elements. (23 min)***    2. ***Atomic Structure & the Periodis Table (23 Minutes***       1. Fill out Worksheets with video |
|  | What are we learning? Electron Configuration & Photoelectron Spectroscopy  Why are we learning this? To describe how PES confirms hell/subshell model of the atom  How will we know when we have learned this? By correctly completing problems over this topic | 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? Demonstrating understanding and competency on assignments, lab activities and exams |