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|  | AP Chemistry | Honors Chemistry |
| Monday | Review & turn in Modeling Chemistry Lab  Complete Chapter 1 & 2 Guide Questions in groups. | 1. Grade Chapter 2 Review Packet. 2. Jepardy review chapter 2   TEST: Chap 2 exam will be tomorrow |
| Tuesday | 1. Review/grade Chapter 1 & 2 Guide Questions 2. Notes & Discussion Topic 1A: Atoms & Elements  Topic 01A Elements, atoms, mixtures and compounds  1. Read: 1.2, 2.2-2.4, 3.3-3.5 2. HW:    1. apworksheet 01a: Elements, Mixtures Compounds    2. apworksheet 01b: Empirical Formulas | 1. ***Complete Chapter 2 exam*** 2. **HW Read Chapter 3.1** 3. **Hand out and Discuss Shoe Box Project**    1. **Due Sept 9th 2016**    2. **Show examples** |
| Wednesday | 1. Grade: apworksheet 01a: Elements, Mixtures & Compounds **and** apworksheet 01b: Empirical Formulas. 2. Complete Problems 3.49, 3.51, 3.53 on page 112 Chapter 3 in BLM 11th . 3. ~~Start Topic 01B Electrons (slides 1-32)~~ 4. ~~HW: apwsheets~~    1. ~~01d Quantitative aspects of electrons,~~    2. ~~01e: Orbital filling rules~~    3. ~~01f: Electronic Configuration Summary~~ | 1. Review Chapter 2 Test results 2. Start Notes and discussion 3.1 -Measurement and uncertainty 1st 31 slides    1. Scientific Notation    2. Accuracy, Precision, and Error 3. Complete section review 3.1 Worksheet |
| Thursday | 1. Grade/review Problems 3.49, 3.51, 3.53 on page 112. 2. Discussion 3.4 Avogadro’s Number & the Mole 3. Discussion how signup for web assign – up for webassign 4. HW: Complete online assignment 3.4 @ webassignment.net – due Sunday night. 5. ~~Grade: apwsheet 01d, 01e, 01f~~ 6. ~~Start Topic 01B Electrons (Slide 33 –PES)~~    1. ~~View :~~ [~~Using Photoelectron Spectroscopy (PES) as evidence for electronic configuration~~](https://secure-media.collegeboard.org/digitalServices/swf/ap-webcasts/chemistry/ap_chem_pes.html) 7. ~~HW: 01g: Photoelectron Spectroscopy~~ | 1. Grade 3.1 worksheets 2. Finish Notes 3.1 (slides 32- 78)    1. Significant Figures and Measurements 3. Lab: Intro to Measurement form Flinn Topics    1. Complete Parts A and B 4. Complete Worksheets – Section 3.1 Scientific Notation/Significant Digits   **Bring a pressure gauge to measure tire pressure for tomorrow** |
| Friday | 1. Review online assignment 3.4 2. CHAPTER 3: Stoichiometry: Calculations with Chemical Formulas & Equations.    1. 3.1 Chemical Equations    2. 3.2 Some Simple Patterns of Chemical Reactivity.    3. 3.3 Formula Weights 3. HW: **3.11(a-b), 3.13 (a-b), 3.15(a-b), 3.17(a-b), 3-19(a-b), 3.22 (a-b). 3.23(a-b), 3.26(a-b) 3.81(a-b), 3.84 – Due Tues. in class** | 1. Lab: **Weighing your car without a scale**. 2. Demonstrate how to measure tire area & pressure. 3. Lab Skills    1. Correct measuerments    2. Error calculations    3. Graph 4. **HW: Complete Lab Calculations**, 5. Study for;***Quiz over significant figures on Tuesday*** 6. Grade - Section 3.1 review, Scientific Notation/Significant Digits |
|  | What are we learning? **Basics in AP Chemistry**  Why are we learning this**? Setting our chemistry foundation**  How will we know when we have learned this? **When we can complete basic stoichiometry problems.** | What are we learning**? Measurement Math and Dimensional analysis.**  Why are we learning this? **Basis of Chemical Stoichiometry**  How will we know when we have learned this**? We can successfully use Dim. Anal. To solve for unknowns.** |