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|  | AP Chemistry | Honors Chemistry |
| Monday | Review & turn in Modeling Chemistry LabComplete 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**
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| 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
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| 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
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|  | 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.** |