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|  | | AP Chemistry | | Honors Chemistry | |
| Monday | | Start Gases Unit 9 from apchemsolutions.   1. Gases I –slides 1 -33    1. **Pressure 10.1-10.2**    2. **Gas Laws 10.3**    3. Ideal Gas Law (10.4-10.5) 2. Crush cans Demonstration 3. HW: Complete worksheet Gases I (Lecture 28) #1-12   **READ Chapter 10** | | 1. Review/Grade Lab : Electron Configuration of Atoms & Ions.    1. Use lab review to introduce ionic compounds & ionic formulas 2. Start Notes & discussion 7.2 Ionic bonding & Ionic Compounds    1. Slides 1 thru 24 –formation of ionic compounds    2. Demo – 2 Mg + O2 🡪 2 MgO | |
| Tuesday | | Review Chemical Bonding Exam Results  Complete Gases Unit 9 from apchemsolutions.   1. Gases I –slides 33-    1. Pressure 10.1-10.2    2. Gas Laws 10.3    3. **Ideal Gas Law (10.4-10.5)** 2. HW: Complete worksheet Gases I (Lecture 28) #13-22. | | 1. Start Notes & discussion 7.2 Ionic bonding & Ionic Compounds    1. Slides 25 thru 43 – properties of ionic compounds 2. Complete HW 7.2 | |
| Wednesday | | Gases Unit 9 from apchemsolutions.   1. Gases II –slides 1 -33    1. **Partial Pressures 10.6**    2. **Mole Fractions 10.3**    3. Real Gas vs. Ideal Gases (10.7 & 10.9) 2. HW: Complete worksheet Gases II (Lecture 29) #1-11 | | 1. Grade Ions HW 7.2 2. Notes & Discussion 7.3 Bonding in Metals 3. Complete HW – 7.3 Section Review & Practice Problems Chapter 7 | |
| Thursday | | Gases Unit 9 from apchemsolutions.   1. Gases II –slides 49 -63    1. Partial Pressures 10.6    2. Mole Fractions 10.3    3. **Real Gas vs. Ideal Gases (10.7 & 10.9)** 2. HW: Complete worksheet Gases II (Lecture 29) #12-16 | | 1. Grade HW – 7.3 Section Review & Practice Problems Chapter 7 2. Lab – Metal Alloy | |
| Friday | | Complete M/C problems over Gases  **GASES EXAM WILL** BE **MONDAY NOV 21ST** | | 1. Complete Section 7.1 – 7.3 Review pp. 214-216 2. Complete Chapter 7 Review   **CHAPTER 7 EXAM WILL BE Monday Nov. 21st** | |
|  | | What are we learning? Gases  Why are we learning this? Core AP Curriculum  How will we know when we have learned this? Successful completion of assigments and quizzes | | What are we learning? Ionic Bonding  Why are we learning this? To us later for Naming and Stoichiometry  How will we know when we have learned this? Successful completion of assigments and quizzes | |