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|  | AP Chemistry | Honors Chemistry |
| Monday | Review Gases Test results  Lab: Molar Volume of a Gas | 1. 8.1 Molecular Compounds Notes & Discussion.    1. Use Styrofoam or ball and Stick models to demonstrate O2, CO2, N2, H20 2. Complete Worksheets 8.1 |
| Tuesday | 1. Finish | 1. Grade Worksheets 8.1 2. Start notes 8.2 The Nature of Covalent Bonding Notes & Discussion.    1. Slides # 1-21    2. Handout: Rules for Drawing Lewis Dot Structures.    3. Complete Wkst. For Chapter 8 Drawing Lewis Dot Structures |
| Wednesday | 1. Review Molar Volume of a Gas lab 2. Complete AP Exam Questions - Gases | 1. Review - Chapter 8 Drawing Lewis Dot Structures 2. Complete these 5 LEWIS STRUCTURES:    1. H2O, TeF4, ICl5, CO2, NCl3. 3. Continue notes 8.2 The Nature of Covalent Bonding Notes & Discussion.    1. Slides # 22-32    2. Use CO2 to explain Formal Charge |
| Thursday | 1. Start*: apchemsolutions* - Unit 7 Intermolecular Forces 2. Intermolecular Forces I –start    1. Types of Intermolecular Forces (11.2)    2. Determining Relative Boiling Points (11.2)    3. HW: Start Worksheet Intermolecular Forces I –Problem # 1 3. Use: <http://wwnorton.com/college/chemistry/chem4/chemtours.aspx> 4. Intermolecular Forces I - Continued    1. Types of Intermolecular Forces (11.2)    2. Determining Relative Boiling Points (11.2)    3. HW: Start Worksheet Intermolecular Forces I –Problems # 2-13 | 1. Complete notes 8.2 2. Demo: KClO3 Oxidation.   Complete worksheets 8.2 |
| Friday | 1. Intermolecular Forces II    1. Heat of Fusion (11.4)    2. Heat of Vaporization (11.4)    3. Vapor Pressure (11.5)    4. Surface Tension and Viscosity (11.3)    5. HW: Start Worksheet Intermolecular Forces II –Problem # 1-4 2. Complete HW: Worksheet Intermolecular Forces II –Problem # 5-11 | 1. Quiz 8.1-8.2 2. Start Notes 8.3    1. Molecular Orbitals    2. VSEPR Theory 3. ~~Hybrid Orbitals (if Time)~~ 4. ~~VSEPR ppt~~. |
|  | What are we learning? IMFs  Why are we learning this? It is a new major emphasis is AP CHEM  How will we know when we have learned this? By complete problems and lab work. | What are we learning? Molecular Bonding & VSEPR  Why are we learning this? To understand structular formulas and molecular bonding  How will we know when we have learned this? |