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|  | AP Chemistry | Honors Chemistry |
| Monday | Review Gases Test resultsLab: 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
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| 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
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| 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
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| 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~~.
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|  | What are we learning? IMFsWhy are we learning this? It is a new major emphasis is AP CHEMHow will we know when we have learned this? By complete problems and lab work. | What are we learning? Molecular Bonding & VSEPRWhy are we learning this? To understand structular formulas and molecular bondingHow will we know when we have learned this? |