



AP CHEMISTRY CALENDAR

WEEK OF 25 OCTOBER 2010		Week 11	AP Chemistry
25 th Monday	Tuesday	Wednesday	Thursday
<ul style="list-style-type: none"> ➤ Quantum Mechanical Model of the Atom ➤ Atomic Orbitals and Energies <p style="color: red; margin-top: 10px;"><i>Thursday schedule</i></p>	<ul style="list-style-type: none"> ➤ Electron Configuration ➤ Aufbau Principle ➤ Periodic Table ➤ Periodic Classification of elements 	<ul style="list-style-type: none"> ➤ Lab: Spectrophotometry I 	<ul style="list-style-type: none"> ➤ AM: Workeys testing for juniors? ➤ Seniors?????? ➤ Parent-Teacher Conferences
<p>Friday</p> <ul style="list-style-type: none"> ➤ <i>No school; Happy Halloween!!!</i> <div style="text-align: center;">  </div>	<p>Reading: Chapter 7, Atomic Structure and periodicity; pp 291—339; Start Chapter 8, Bonding General Concepts</p> <p>Problems: 37, 47, 49, 53, 59, 67, 73, 81, 93, 97 on pp 340-343.</p> <p>Loncapa: Ch 7: Periodicity</p> <p>Challenge Problem: # 129, pp 345</p> <p>Experiment: Spectrophotometry and Uses of Spectrophotometry</p>		<p>Notes:</p> <p><i>Anything special you would like me to say about you to your parents????</i></p>

WEEK OF 1 NOVEMBER 2010		Week 12	AP Chemistry
1 st Monday	Tuesday	Wednesday	Thursday
<ul style="list-style-type: none"> ➤ Representative Elements and group properties ➤ Chemistry of burning, 3rd period 	<ul style="list-style-type: none"> ➤ Periodic Variation in Physical Properties: <ul style="list-style-type: none"> ○ Effective Nuclear Charge ○ Atomic/Ionic radii ○ Ionization Energy ○ Electron Affinity 	<ul style="list-style-type: none"> ➤ Experiment: Uses of Spectrophotometry 	<ul style="list-style-type: none"> ➤ Bonding—General ➤ Electronegativity ➤ Polarity and Dipole Moments
<p>Friday</p> <ul style="list-style-type: none"> ➤ Ionic Compounds; Lattice Energy ➤ Partial Ionic Character ➤ Covalent Bonds 	<p>Reading: Chapter 8, Bonding: General Concepts pp 349-405.</p> <p>Problems: 7, 9, 13, 15, 23, 29, 37, 41, 53, 59, 63, on pp 405-410.</p> <p>Loncapa: Chapter 8,9</p> <p>Experiment: Uses of Spectrophotometry</p>		<p>Notes</p> <div style="text-align: center;">  </div> <p style="text-align: right; margin-top: 5px;"><i>maybe?</i></p>