

HONORS CHEMISTRY – LESSON PLANS

Date	Lesson	Assignment
Monday 10/16/17	Chapter 4 Test (100)	SG 5.1
Tuesday 10/17/17	Lecture – 5.1 Visible Light <ul style="list-style-type: none"> - Frequency, Wavelength, Amplitude Pre-Lab: Flame Test Lab	Flame Test Pre-Lab 5.1 Book Problems (1-5,7-10,12,31-38,65-70)
Wednesday 10/18/17	Flame Test Lab	Flame Test Lab (Due 10/19)
Thursday 10/19/17	Lab Report Due (40) Lecture 5.1-5.2 <ul style="list-style-type: none"> - Calculating Photons and Quanta of Energy - Bohr's Model - Energy Levels, Ground vs. Excited State 	SG 5.2 The Wave and Particle Nature of Light
Friday 10/20/17	Lecture 5.2 <ul style="list-style-type: none"> - Problems with Bohr's Model - Quantum Mechanical Model - Orbitals, Sublevels, Energy Levels 	Bohr Model/QMM 5.2 Book Problems (#13-15,17,39-52,54-56)

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Monday 10/23/17	Quiz 5.2 (10) Lecture 5.3 - Aufbau, Hund, Pauli - Orbital Diagrams and Electron Configurations	Orbital Diagrams SG 5.3
Tuesday 10/24/17	Quiz 5.3 (10) Lecture 5.3 - Abbreviated Configurations	Orbital Diagrams SG 5.3
Wednesday 10/25/17	Lecture 5.3 - Exceptions, Valence Electrons & Dot Structures Review Chapter 5 Material	Abbreviated Configurations Using Electron Configurations
Thursday 10/26/17	Chapter 5 Test (100)	Chapter 5 Supplemental Problems Chapter 5 Review
Friday 10/27/17	Lecture 6.1 - Periodic Table Development - Classifying the Elements	SG 6.1