

## HONORS CHEMISTRY I - LESSON PLANS

| <u>Date</u>                        | <u>Lesson</u>  | <u>Assignment</u>   |
|------------------------------------|--|---|
| <b>Monday</b><br><b>10/30/17</b>   | <u>Lecture: 6.1</u><br>- Periodic Table Development<br>- Classification of the Elements  | SG 6.2<br>6.1 Book Problems: <i>(optional)</i><br>➤ (1-5, 26-40)                            |
| <b>Tuesday</b><br><b>10/31/17</b>  | <u>Lecture: 6.2</u><br>- Organizing Elements by Electron Configuration<br>- Blocks on the Periodic Table<br>- Ion Formation  | Valence Electrons & Ionic Charge<br>6.2 Book Problems: <i>(optional)</i><br>➤ (7-14, 41-53) |
| <b>Wednesday</b><br><b>11/1/17</b> | <u>Quiz 6.1 &amp; 6.2 (10)</u><br><u>Lecture: Introduction to Trends</u><br>- Period vs. Density Graph<br>- Percent Error<br><b>Mini Lab: Using Trends to Predict Properties (10)</b> **No pre-lab | Finish Mini lab<br>6.3 Book Problems: <i>(optional)</i><br>➤ (16-23, 54-67)                 |
| <b>Thursday</b><br><b>11/2/17</b>  | <u>Trends Mini Lab Due</u><br><u>Lecture: 6.3</u><br>- Periodic & Group Trends<br>- Nuclear Charge, Shielding Effect, ENC, Atomic Size   | Organizing the PT<br>SG 6.3   |
| <b>Friday</b><br><b>11/3/17</b>    | <u>End of 1<sup>st</sup> Quarter</u>   |   |
|                                    | <u>Lecture: 6.3</u><br>- Periodic & Group Trends<br>- Ionic Size, Ionization Energy, Electronegativity   | ENC & Stability<br>Comparing Trends on the PT   |

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| <b>Monday</b><br><b>11/6/17</b>    | <ul style="list-style-type: none"> <li>- Using atoms to determine trends</li> <li>- Pre Lab questions for Periodic Properties Lab (due 11/8)</li> <li>- Start reviewing for Chapter 6 Test</li> </ul>                     | Pre Lab questions (due tomorrow)<br>Using atoms to determine trends<br>Reviewing Periodic & Group Trends<br>Ch. 6 Supplemental Problems |
| <b>Tuesday</b><br><b>11/7/17</b>   | <p><b><u>Periodic Properties Lab (40)</u></b><br/>                     Must turn in pre-lab questions, lab worksheet, graph 1 &amp; 2, and conclusion</p>   | Finish Lab Report ( <i>Due 11/8</i> )   |
| <b>Wednesday</b><br><b>11/8/17</b> | <p><b><u>Lab Report Due (40): Periodic Properties</u></b><br/> <b><u>Quiz 6.3 (10)</u></b><br/> <u>Review: Chapter 6 Material</u></p>   | Reviewing Periodic & Group Trends<br>Ch. 6 Supplemental Problems  |
| <b>Thursday</b><br><b>11/9/17</b>  | <p><b><u>Chapter 6 Extra Credit (5)</u></b><br/> <b><u>Chapter 6 Test (100)</u></b><br/>                     Distribute Ch. 7 Packet<br/>                     Distribute Polyatomic Ions Sheet (<i>Quiz on 11/16</i>)</p> | Work on Chapter 7 Packet<br>Study Polyatomic Ions   |
| <b>Friday</b><br><b>11/10/17</b>   | <ul style="list-style-type: none"> <li>- Work on Chapter 7 Packet</li> <li>- Take questions on Chapter 7 Packet</li> </ul>  | Work on Chapter 7 Packet<br>Study Polyatomic Ions   |