

Unit 4: Nomenclature & Bonding

Day #1	Day #2	Day #3
<p>STUDY GUIDE (Do Not Print): Unit 4</p> <p>NOTES: Ionic Compounds Nomenclature</p> <p>YT: Writing Ionic Formulas: Introduction – 11:43</p> <p>YT: Writing Ionic Formulas: Practice Problems – 3:41</p> <p>YT: Naming Ionic Compounds with Transition Metals Introduction – 10:09</p> <p>HW: Ionic Compounds Nomenclature</p> <p>EX: Ionic Compounds Nomenclature #2</p>	<p>ANNOUNCEMENT: QUEST – Nomenclature (I/A&B/M)</p> <p>NOTES: Ionic Compounds w/ Polyatomics Nomenclature</p> <p>ACTIVITY (Do Not Print): Monatomic / Polyatomic Ions Magnet Cut-Outs</p> <p>YT: Writing Formulas with Polyatomic Ions – 11:21</p> <p>HW: Ionic Compounds with Polyatomics Nomenclature</p> <p>EX: Ionic Compounds with Polyatomics Nomenclature #2</p> <p>EX: Ionic Compounds Nomenclature #1-60</p>	<p>U4 HWQ #1: Regular Ionic Compounds & Ionic Compounds w/ Polyatomics Nomenclature</p> <p>NOTES: Acids & Bases Nomenclature</p> <p>YT: Naming Acids Introduction – 13:12</p> <p>YT: Naming Acids Practice Problems – 8:42</p> <p>HW: Acids & Bases Nomenclature</p> <p>EX: Ionic/Molecular/Acids & Bases Nomenclature #1-60</p> <p>EX: Chemical Nomenclature Mixed #1-60</p> <p>EX: Chemical Formulas #1-100</p>

Day #4	Day #5	Day #6
<p>HANDOUT: Types of Compounds Flowchart</p> <p>ACTIVITY (Do Not Print): Polyatomic Ions 25-Square</p> <p>NOTES: Metallic Compounds & Molecular Compounds Nomenclature</p> <p>YT: Naming Covalent Molecular Compounds – 10:46</p> <p>HW: Molecular (Covalent) Compounds Nomenclature</p> <p>EX: Ionic & Molecular Compounds Nomenclature #1-60</p>	<p>QUEST: Nomenclature (Ionic / Acid & Base / Molecular)</p> <p>REVIEW: Ionic vs Covalent Bonding (ppt)</p> <p>NOTES: Drawing Lewis Structures</p> <p>YT: How to Draw Lewis Structures: Five Easy Steps – 5:56</p> <p>HW: Drawing Lewis Structures</p> <p>EX: Drawing Lewis Structures #2</p> <p>EX: Drawing Lewis Structures & Resonance</p>	<p>HANDOUT: Molecular Geometry Chart</p> <p>HANDOUT: Molecular Geometry via ABE VSEPR Term</p> <p>NOTES: Molecular Geometry (MG)</p> <p>YT: VSEPR Theory & Molecular Geometry – 6:30</p> <p>YT: VSEPR Theory: Introduction – 20:29</p> <p>HW: Molecular Geometry</p> <p>EX: Lewis Structures & Molecular Geometry</p>

Day #7	Day #8	Day #9
<p>HANDOUT: Molecular Polarity Chart</p> <p>NOTES: Electronegativity & Polarity</p> <p>YT: Polar and Non-Polar Molecules: Crash Course Chemistry #23 – 10:46</p> <p>YT: Polar and Non-Polar Molecules: How to Tell if a Molecule is Polar or Nonpolar – 8:21</p> <p>HW: Molecular Polarity</p> <p>EX: Molecular Polarity #2</p>	<p>DUE: Unit 4 Study Guide</p> <p>U4 HWQ #2: Lewis Structures, Molecular Geometry, Polarity</p> <p>LAB (Do Not Print): PHET VSEPR Simulation (Need Laptops)</p> <p>OR</p> <p>LAB (Do Not Print): Molecular Geometry (Molecular Kit & Stations)</p>	<p>DUE: Q-O-D</p> <p>TEST: Unit 4 – Nomenclature & Bonding</p>