

Grade 10

Distance Learning Module 10: Week of: June 8<sup>th</sup> - June 12<sup>th</sup>

## ***Chemistry Level 2- Modified from Unit # 7 - Unit Title Molecular Geometry and Intermolecular Forces of Attraction***

### **Targeted Goals from Stage 1: Desired Results**

**Content Knowledge:** The localized electron bonding model describes and predict the molecular geometry using Lewis diagrams and the VSEPR model.

**Vocabulary:**

**Skills:** Use Lewis Dot structures to predict molecular shape and polarity (including bond angles, bond polarity, and hybridization).

**Expectation:**

<b>Description of Task (s):</b>	<b>Resources and Materials:</b>	<b>Daily Checks (Return to Google Classroom or snapshots from a cell phone)</b>
Monday: <ul style="list-style-type: none"><li><input type="checkbox"/> Review Google Slides (Section 10.3) on Electronegativity and Polar Bonds (slides 1-13), take notes</li><li><input type="checkbox"/> Print out Electronegativity Table (or keep available in browser window).</li><li><input type="checkbox"/> Watch Eduzzle Videos 1, 2, and 3 on Electronegativity and Bond Polarity, take notes</li><li><input type="checkbox"/> Keep notes to submit when you have completed the module</li></ul>	10_3_Electronegativity  DL_Electronegativities and Bond Types.doc  Edpuzzle: Vid_1_Mod_10_Electronegativity  Edpuzzle: Vid_2_Mod_10_Electronegativity  Edpuzzle: Vid_3_Mod_10_Bond Polarity	<input type="checkbox"/> Viewing of videos - grade will automatically transfer to Classroom gradebook from Edpuzzle when you watch video to completion and select "show results" at the end.
Tuesday: <ul style="list-style-type: none"><li><input type="checkbox"/> Review Google Slides (Section 10.3) on Polar Molecules (slides 14-18),</li></ul>	DL_Molecular_Polarity.pdf	<input type="checkbox"/> Viewing of videos - grade will automatically transfer to Classroom gradebook from Edpuzzle when you

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
take notes <input type="checkbox"/> Read pdf on Molecular Polarity, and how it is different from Bond Polarity, take notes. <input type="checkbox"/> Watch Edpuzzle Video 4 on Polar Molecules, take notes. <input type="checkbox"/> Complete Worksheet 5, Polarity. <input type="checkbox"/> Keep notes to submit when you have finished the module	<a href="https://edpuzzle.com/media/5ebaa3964ef7f63f0cd6ad73">https://edpuzzle.com/media/5ebaa3964ef7f63f0cd6ad73</a>  DL_WKST 5 Polarity.doc  KEY WKST 5 Polarity.pdf	watch video to completion and select "show results" at the end. <input type="checkbox"/> Completed WKST 5
Wednesday: <input type="checkbox"/> Begin Worksheet 6 (take both Wednesday and Thursday to complete WKST 6), refer to <ul style="list-style-type: none"> <li><input type="checkbox"/> Rules for drawing Lewis Structures from last week</li> <li><input type="checkbox"/> AXE Reference Table from last week</li> <li><input type="checkbox"/> Electronegativity Table with Bond Types from Monday</li> <li><input type="checkbox"/> Notes on Molecular Polarity</li> <li><input type="checkbox"/> Definition of Resonance, also from last week</li> </ul>	DL_WKST 6 - AXE Spreadsheet  KEY AXE Spreadsheet.pdf	<input type="checkbox"/> Completed WKST 6 (first side). Save to submit entire worksheet on Thursday.
Thursday: <input type="checkbox"/> Complete Worksheet 6		<input type="checkbox"/> Completed WKST 6
Friday: <input type="checkbox"/> Submit Notes for the Module <input type="checkbox"/> Complete Content Check		<input type="checkbox"/> Submit notes <input type="checkbox"/> Complete Content Check - link will be posted by Friday, 9AM

**Week criteria for success** (attach student checklists or rubrics):

- watched all of the recorded videos and taken notes
- completed worksheets and practice test, submitted on google classroom for feedback

**Supportive resources and tutorials for the week** (plans for re-teaching):

- daily online virtual Q and A help sessions (see Google Classroom for times and invite codes)
- read and re-read the textbook, watch videos on Edpuzzle multiple times