

**Class: Chemistry**

**Essential Standard: Correctly name and write formulas for chemical compounds**

<b>4.0 – In-depth Applications</b>	<b>I know I can because:</b>
<p><b>I have an in-depth understanding of the expected knowledge and skills and can show my expertise by using it to problem solve and think critically, such as:</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> Describe how to correctly name or write formulas for compounds</li></ul>	
<p><b>3.0 – Expected Knowledge and Skills</b></p>	
<p><b>I can...</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> Write names for molecular compounds based on molecular formulas.</li><li><input type="checkbox"/> Write molecular formulas based on molecular compound names.</li><li><input type="checkbox"/> Write names for ionic compound based on ionic compound formulas.</li><li><input type="checkbox"/> Write ionic compound formulas based on ionic compound names.</li></ul>	
<p><b>2.0 – Foundational Knowledge and Skills</b></p>	
<p><b>I can...</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> Identify ionic charges</li><li><input type="checkbox"/> Differentiate between types of bonds (ionic and molecular)</li><li><input type="checkbox"/> Identify and recall cations, anions, transition metals, noble gases, polyatomic ions, binary compounds, acids, and bases.</li></ul>	