



Edmore Public School  
706 Main St, Edmore, ND 58330

**Chemistry Lesson Plans for  
February 6 - 10, 2023  
1<sup>st</sup> Hour, 8:40 – 9:32 AM**

	Monday (Feb 6)	Tuesday (Feb 7)	Wednesday (Feb 8)	Thursday (Feb 9)	Friday (Feb 10)
<b>Performance Standards</b>	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	
<b>Topic</b>	<b>Excess Reactant - Simulation</b>	<b>Excess Reactant - Explanation</b>	<b>Excess reactant - Extension</b>	<b>Percent Yield</b>	
<b>Objectives</b>	<ul style="list-style-type: none"> <li>Identify and calculate the mass and moles of the excess reactant in a chemical reaction.</li> </ul>	<ul style="list-style-type: none"> <li>Identify and calculate the mass and moles of the excess reactant in a chemical reaction.</li> </ul>	<ul style="list-style-type: none"> <li>Identify and calculate the mass and moles of the excess reactant in a chemical reaction.</li> </ul>	<ul style="list-style-type: none"> <li>Identify and calculate the mass and moles of the excess reactant in a chemical reaction.</li> </ul>	
<b>Bellringer</b>	(3 min) molecular formula	(3 min) empirical formula	(3 min) excess reactant	(3 min) percentage yield	
<b>Procedure/ Instructional Delivery</b>	<ul style="list-style-type: none"> <li>excess reactant simulation activity</li> </ul>	<ul style="list-style-type: none"> <li>direct instruction: discussion on excess reactant and solving sample problems</li> <li>Guided practice: solving for excess reactant</li> </ul>	<ul style="list-style-type: none"> <li>Independent practice: students will work independently on excess reactant worksheet</li> </ul>	<ul style="list-style-type: none"> <li>Case analysis: importance of percentage yield</li> <li>reading: main concepts of percentage yield</li> </ul>	
<b>Assessment</b>	worksheet	worksheet	worksheet	worksheet	
Remarks					No School

Prepared by:

Angelito M. Rivera  
Science Teacher