



Edmore Public School  
706 Main St, Edmore, ND 58330

**Chemistry Lesson Plans for  
May 1-5, 2023  
1<sup>st</sup> Hour, 8:40 – 9:32 AM**

	Monday (May 1)	Tuesday (May 2)	Wednesday (May 3)	Thursday (May 4)	Friday (May 5)
<b>Performance Standards</b>	<b>HS-PS1-6</b> Refine the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium.	<b>HS-PS1-6</b> Refine the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium.	<b>HS-PS1-6</b> Refine the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium.	<b>HS-PS1-6</b> Refine the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium.	<b>HS-PS1-6</b> Refine the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium.
<b>Topic</b>	<b>Saturation Lab</b>	<b>Saturation Lab</b>	<b>Physical Properties of solution</b>	<b>Colligative properties of solutions</b>	<b>Colligative properties of solutions</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>describe solutions in terms of their degree of saturation</li> </ul>	<ul style="list-style-type: none"> <li>describe solutions in terms of their degree of saturation</li> </ul>	<ul style="list-style-type: none"> <li>distinguish between nonelectrolytes, weak electrolytes, and strong electrolytes</li> <li>Describe how solute affects the freezing point and boiling point of a solution</li> </ul>	<ul style="list-style-type: none"> <li>Describe how a solute affects the freezing point and boiling point of a solution</li> <li>Explain how surfactants stabilizers oil-in-water emulsion</li> </ul>	<ul style="list-style-type: none"> <li>To investigate the concept of molarity and to determine the concentration of a solution whose molarity is unknown.</li> </ul>
<b>Bellringer</b>	Define miscible	Define immiscible	Define conductivity	Define colligative properties	Vocab quiz
<b>Procedure/ Instructional Delivery</b>	<ul style="list-style-type: none"> <li>Prelab discussion</li> <li>Lab preparation</li> <li>Lab proper: part 1</li> </ul>	<ul style="list-style-type: none"> <li>Lab proper</li> <li>Post lab procedure</li> <li>Post lab discussion</li> </ul>	<ul style="list-style-type: none"> <li>Reading: electrical conductivity of the solutions</li> <li>Quick lab: conductivity of various solutions</li> </ul>	<ul style="list-style-type: none"> <li>Prelab discussion</li> <li>Lab preparation</li> <li>Lab proper: colligative properties</li> </ul>	<ul style="list-style-type: none"> <li>Lab proper: surfactant</li> <li>Post lab procedure</li> <li>Post lab discussion</li> </ul>
<b>Assessment</b>	Lab rubric	Lab rubric	worksheet	Lab rubric	Lab rubric
<b>Remarks</b>			Early Out		

Prepared by:

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