



Edmore Public School  
706 Main St, Edmore, ND 58330

**Chemistry Lesson Plans for  
March 27-31, 2023  
1<sup>st</sup> Hour, 8:40 – 9:32 AM**

	Monday (March 27)	Tuesday (March 28)	Wednesday (March 29)	Thursday (March 30)	Friday (March 31)
<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>Pressure, Volume, and Temperature</b>	<b>Boyle's Law</b>	<b>Boyle's Law</b>	<b>Charles' Law</b>	<b>Charles' Law</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>define the terms pressure, volume, and temperature</li> <li>convert units of pressure, volume, and temperature</li> </ul>	<ul style="list-style-type: none"> <li>describe the relationship between pressure and volume when temperature is held constant</li> <li>solve Boyle's law related problems</li> </ul>	<ul style="list-style-type: none"> <li>describe the relationship between pressure and volume when temperature is held constant</li> <li>solve Boyle's law related problems</li> </ul>	<ul style="list-style-type: none"> <li>describe the relationship between volume and temperature when pressure is held constant</li> <li>solve Charles' law related problems</li> </ul>	<ul style="list-style-type: none"> <li>describe the relationship between volume and temperature when pressure is held constant</li> <li>solve Charles' law related problems</li> </ul>
<b>Bellringer</b>	Vocab quiz / Define combined gas law	Define pressure.	Define volume.	Define temperature.	Vocab quiz
<b>Procedure/ Instructional Delivery</b>	<ul style="list-style-type: none"> <li>Quick lab: pressure</li> <li>Direct instruction on conversion of units.</li> <li>Independent practice: problems on converting units</li> </ul>	<ul style="list-style-type: none"> <li>Quick lab: Boyle's law</li> <li>Direct instruction: solving problems involving Boyle's law</li> </ul>	<ul style="list-style-type: none"> <li>Independent practice: Boyle's Law problem worksheet</li> </ul>	<ul style="list-style-type: none"> <li>Quick lab: Charles' Law</li> <li>Direct instruction: solving problems involving Charles' law</li> </ul>	<ul style="list-style-type: none"> <li>Independent practice: Charles' Law problem worksheet</li> </ul>
<b>Assessment</b>	worksheet	Lab rubric	Problem worksheet	Lab rubric	Problem worksheet
Remarks					

Prepared by:

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