



Edmore Public School  
706 Main St, Edmore, ND 58330

**Physical Science Lesson Plans for  
October 31 to November 4, 2022  
1<sup>st</sup> Hour, 8:40 – 9:32 AM**

	Monday (Oct 31)	Tuesday (Nov 1)	Wednesday (Nov 2)	Thursday (Nov 3)	Friday (Nov 4)
<b>Performance Standards</b>	<b>HS-PS1-7</b> Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	<b>HS-PS1-7</b> Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	<b>HS-PS1-7</b> Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	<b>HS-PS1-7</b> Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	<b>HS-PS1-7</b> Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.
<b>Topic</b>	Periodicity	Ionic bonding	Ionic bonding	Covalent bonding	Covalent bonding
<b>Objectives</b>	<ul style="list-style-type: none"> <li>describe the trends of different chemical properties in the periodic table</li> </ul>	<ul style="list-style-type: none"> <li>describe how ionic bond forms</li> </ul>	<ul style="list-style-type: none"> <li>describe how ionic bond forms</li> </ul>	<ul style="list-style-type: none"> <li>describe how covalent bond forms</li> </ul>	<ul style="list-style-type: none"> <li>describe how covalent bond forms</li> </ul>
<b>Bellringer</b>	(3 min) chemical bonding	(3 min) ionic bond	(3 min) covalent bond	(3 min) metallic bond.	(3 min) vocab quiz
<b>Procedure/ Instructional Delivery</b>	<ul style="list-style-type: none"> <li>Periodicity worksheet</li> <li>Writing electron-dot structure</li> </ul>	<ul style="list-style-type: none"> <li>Ionic bond simulation activity</li> </ul>	<ul style="list-style-type: none"> <li>Direct instruction: ionic bonding using electron-dot structure</li> </ul>	<ul style="list-style-type: none"> <li>Covalent bonding simulation activity</li> </ul>	<ul style="list-style-type: none"> <li>Direct instruction on covalent bonding</li> <li>Identifying covalent and ionic bonds</li> <li>Polyatomic bonds</li> </ul>
<b>Assessment</b>	worksheet	worksheet	worksheet	worksheet	Questions
Remarks					

Prepared by:

Angelito M. Rivera  
Science Teacher