



Edmore Public School
706 Main St, Edmore, ND 58330

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

	Monday (Oct 31)	Tuesday (Nov 1)	Wednesday (Nov 2)	Thursday (Nov 3)	Friday (Nov 4)
Performance Standards	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.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.
Topic	Periodicity	Ionic bonding	Ionic bonding	Covalent bonding	Covalent bonding
Objectives	• describe the trends of different chemical properties in the periodic table	• describe how ionic bond forms	• describe how ionic bond forms	• describe how covalent bond forms	• describe how covalent bond forms
Bellringer	(3 min) chemical bonding	(3 min) ionic bond	(3 min) covalent bond	(3 min) metallic bond.	(3 min) vocab quiz
Procedure/ Instructional Delivery	○ Periodicity worksheet ○ Writing electron-dot structure	○ Ionic bond simulation activity	○ Direct instruction: ionic bonding using electron-dot structure	○ Covalent bonding simulation activity	○ Direct instruction on covalent bonding ○ Identifying covalent and ionic bonds ○ Polyatomic bonds
Assessment	worksheet	worksheet	worksheet	worksheet	Questions
Remarks					

Prepared by:

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Science Teacher