

**Edmore Public School**  
**706 Main St, Edmore, ND 58330**

**Physical Science Lesson Plan**

**Dates:**

October 16 - 18, 2023

**Time and Period:**

10:30 - 11:22 AM, Third Period

**Performance Standard:**

**HS-PS1-1**

Use the periodic table as a model to predict the relative properties of elements based on the patterns of electrons in the outermost energy level of atoms.

**HS-PS1-5**

Apply scientific principles and evidence to provide an explanation about the effects of the reacting particles on the rate at which a reaction occurs.

**HS-PS1-7**

Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.

**Monday, October 16**

<b>Topic</b>	Electron Configuration, pp. 152 and 153
<b>Objectives</b>	Demonstrate how electron orbitals are filled.
<b>Bell Ringer</b>	Define <i>electron configuration</i> .
<b>Procedure / Instructional Delivery</b>	Simulations, Interactive Discussion, Guided Practice, Hands-on Activity
<b>Assessment</b>	Practice Exercise on Electron Configuration

**Tuesday, October 17**

<b>Topic</b>	Chemical Nomenclature: Ionic Compounds
<b>Objectives</b>	Use chemical formulas to represent chemical compounds.
<b>Bell Ringer</b>	What is an <b>ionic compound</b> ?
<b>Procedure / Instructional Delivery</b>	Simulation, Illustration, Guided Practice
<b>Assessment</b>	Worksheet on Naming Compounds

**Wednesday, October 18**

<b>Topic</b>	Chemical Nomenclature: Naming Covalent Compounds
<b>Objectives</b>	Discuss the rules for systematically naming compounds
<b>Bell Ringer</b>	What is a covalent <b>compound</b> ?
<b>Procedure / Instructional Delivery</b>	Simulation, Illustration, Guided Practice
<b>Assessment</b>	Worksheet on Naming Compounds Laboratory Activity

**Thursday, October 19**

**NO SCHOOL**

**Friday, October 20**

**NO SCHOOL**