

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

**Physical Science Lesson Plan**

**Dates:**

November 6 - 10, 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, November 6**

<b>Topic</b>	Balancing Chemical Equations, pp. 225 and 226
<b>Objectives</b>	Balance chemical equations.
<b>Bell Ringer</b>	What are the parts of a chemical equation?
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Practice Exercise

**Tuesday, November 7**

<b>Topic</b>	Describing Chemical Reactions, pp. 226 - 228
<b>Objectives</b>	Describe different chemical reactions.
<b>Bell Ringer</b>	Balance this chemical equation: $H_2 + Cl_2 \rightarrow HCl$
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Laboratory Worksheet

**Wednesday, November 8**

<b>Topic</b>	Balancing Chemical Equations, pp. 225 and 226 Completion of Laboratory Activity
<b>Objectives</b>	Practice balancing chemical equations.
<b>Bell Ringer</b>	Balance this equation: $\text{Fe} + \text{H}_2\text{O} \rightarrow \text{Fe}_3\text{O}_4 + \text{H}_2$
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Practice Exercise

**Thursday, November 9**

<b>Topic</b>	Reaction Types, 230 - 237
<b>Objectives</b>	Classify chemical equations.
<b>Bell Ringer</b>	What is the difference between these two types of reactions? $\text{AB} \rightarrow \text{A} + \text{B}$ and $\text{A} + \text{B} \rightarrow \text{AB}$
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Laboratory Worksheet, pp. 235

**Friday, November 10**

**NO SCHOOL**