

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

**Physical Science Lesson Plan**

**Dates:**

December 4 - 8, 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, December 4**

<b>Topic</b>	Concentration of Solutions, pp. 280
<b>Objectives</b>	Compute for the molarity of the solutions.
<b>Bell Ringer</b>	Define <i><b>Molarity</b></i>
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Practice Worksheet

**Tuesday, December 5**

<b>Topic</b>	Reactions of Acids with Bases, pp. 302 - 306
<b>Objectives</b>	Describe the neutralization process.
<b>Bell Ringer</b>	Define <i><b>neutralization reaction</b></i> .
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Practice Worksheet

**Wednesday, December 6**

<b>Topic</b>	Acids, Bases, and Salts in the Home pp. 307 - 310
<b>Objectives</b>	Identify household products that contain acids, bases and salts
<b>Bell Ringer</b>	Define <b>Salt</b> scientifically.
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Laboratory and Practice Worksheet

**Thursday, December 7**

<b>Topic</b>	Unit Test Completion of Laboratory Activity, pp. 307 - 310
<b>Objectives</b>	Identify household products that contain acids, bases and salts
<b>Bell Ringer</b>	How does soap remove grease?
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Unit Test Laboratory Worksheet

**Friday, December 8**

<b>Topic</b>	Continuation of Acids, Bases, and Salts in the Home. pp. 307 - 310
<b>Objectives</b>	Explain why cleaning products are added to the water.
<b>Bell Ringer</b>	How does milk of magnesia or an antacid reduce acidity in stomach acid?
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Practice Worksheet Unit Project Planning