

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

**Physical Science Lesson Plan**

**Dates:**

September 5 - 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-PS1-2**

Construct an explanation for the outcome of a simple chemical reaction based on the outermost electron states of atoms, trends in the periodic table, and knowledge of the patterns of chemical properties.

**Tuesday, September 5**

<b>Topic</b>	Changes of Matter - Continuation <i>pp. 59-65 of Physical Science Textbook</i>
<b>Objectives</b>	Give examples of physical and chemical change in matter
<b>Bell Ringer</b>	Differentiate chemical change and physical change.
<b>Procedure / Instructional Delivery</b>	Discussion, Inquiry Laboratory Activity: Can you separate a mixture?
<b>Assessment</b>	Inquiry Lab, pp. 63 Section 3 Review pp. 64

**Wednesday, September 6**

<b>Topic</b>	Review <i>pp. 45-70 of Physical Science Textbook</i>
<b>Objectives</b>	Identify and describe properties of matter.
<b>Bell Ringer</b>	Give an example of miscible and immiscible liquids that you can find in the kitchen.
<b>Procedure / Instructional Delivery</b>	<ul style="list-style-type: none"> <li>● Practice Quiz</li> <li>● Debugging for Review</li> <li>● Completion of of WS nos. 3 and 4</li> <li>● Hands-on Activity Density</li> </ul>
<b>Assessment</b>	Using Key Terms Worksheet, nos. 1 - 16 pp. 70 and 71 Inquiry Lab, pp. 75

**Thursday, September 7**

<b>Topic</b>	Quiz and Introduction to Kinetic Theory, pp. 70
<b>Objectives</b>	Explain the movement of a particle when it is heated.
<b>Bell Ringer</b>	Why does kinetic energy increase on increasing temperature?
<b>Procedure / Instructional Delivery</b>	Quiz, Discussion, Use of Simulation
<b>Assessment</b>	Quiz no. 1 Particle Nature of Matter Worksheet

**Friday, September 8**

<b>Topic</b>	States of Matter <i>pp. 74-79 of Physical Science Textbook</i>
<b>Objectives</b>	State and describe the different states of matter.
<b>Bell Ringer</b>	What properties of solids, liquids, and gases make them different?
<b>Procedure / Instructional Delivery</b>	Discussion, Use of Simulation, Hands-on Laboratory, Post-laboratory Discussion
<b>Assessment</b>	Hot or Cold Lab Worksheet pp. 81 Section 1 nos. 1-7, pp. 81