

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

**Physical Science Lesson Plan**

**Dates:**

August 28 - September 1, 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.

**Monday, August 28**

<b>Topic</b>	Classifying Matter <i>pp. 45-50 of Physical Science Textbook</i>
<b>Objectives</b>	Differentiate elements and compounds.
<b>Bell Ringer</b>	Explain how the meanings of the terms differ: <ul style="list-style-type: none"><li>• <i>Atom and molecule</i></li><li>• <i>Molecule and compound</i></li></ul>
<b>Procedure / Instructional Delivery</b>	Discussion, Hands-on Activity: Mystery Mixture, Exit Ticket
<b>Assessment</b>	<ul style="list-style-type: none"><li>• Quick Lab, pp. 48</li><li>• Section Review 1, pp. 50</li><li>• WS no. 1 Classifying Matter</li></ul>

**Tuesday, August 29**

<b>Topic</b>	Review: Matter <i>pp. 51-55 of Physical Science Textbook</i>
<b>Objectives</b>	Differentiate physical properties of matter.
<b>Bell Ringer</b>	Why is density classified as a physical property?
<b>Procedure / Instructional Delivery</b>	<ul style="list-style-type: none"><li>• Discussion</li><li>• Guided Practice: Solving for Density, pp. 54</li><li>• Hands-on Activity: Density of Water</li><li>• Exit Ticket</li></ul>

<b>Assessment</b>	<ul style="list-style-type: none"> <li>• Quick Lab, pp. 55</li> <li>• Comparing Planet Densities</li> </ul>
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<b>Wednesday, August 30</b>	
<b>Topic</b>	Chemical Properties of Matter <i>pp. 56-58 of Physical Science Textbook</i>
<b>Objectives</b>	Differentiate chemical properties of matter.
<b>Bell Ringer</b>	Why are flammability and reactivity classified as chemical properties?
<b>Procedure / Instructional Delivery</b>	Discussion, Quick Lab: Reactivity, Exit Ticket
<b>Assessment</b>	<ul style="list-style-type: none"> <li>• Quick Lab, pp. 58</li> <li>• Section 2 Review nos. 1-5, pp. 58</li> </ul>

<b>Thursday, August 31</b>	
<b>Topic</b>	Changes of Matter <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

<b>Friday, September 1</b>	
<b>Topic</b>	Converting Units and Lesson Review <i>pp. 68-71 of Physical Science Textbook</i>
<b>Objectives</b>	Use appropriate unit of measurements and convert one unit to the other
<b>Bell Ringer</b>	Define <b><i>density</i></b> .
<b>Procedure / Instructional Delivery</b>	Discussion, Review, and Application of Understanding Properties of Matter
<b>Assessment</b>	Quiz nos. 1- 20 pp. 70-71