

Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plan

Dates:

September 25 - 29, 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, September 25

Topic	Exploring the Periodic Table, pp. 151 - 155
Objectives	Describe the arrangement of modern periodic table
Bell Ringer	How are elements arranged in the periodic table?
Procedure / Instructional Delivery	Discussion, Simulation, Bingo
Assessment	Presentation of Performance Task Section 2 Review,

Tuesday, September 26

Topic	Families of Elements, pp. 156 - 165
Objectives	Explain that elements within a group of the periodic table have similar chemical properties.
Bell Ringer	Define <i>metals</i> .
Procedure / Instructional Delivery	Discussion, Guided Practice, Simulation
Assessment	The Cost of Metals, pp. 160

	Section Review, pp, 164
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Wednesday, September 27	
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Topic	Quiz no. 3 and Exploring Periodic Trends, pp. 166 and 167
Objectives	Make a model to represent the atomic radii of elements.
Bell Ringer	What is atomic radius?
Procedure / Instructional Delivery	Model-making, Analysis, Guided Practice
Assessment	Laboratory Worksheet Quiz no. 3

Thursday, September 28	
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Høstfest Field Trip	
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Friday, September 29	
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No School	
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