

Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plan

Dates:

October 30 - November 3, 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, October 30

Topic	Review and Practice: Chemical Nomenclature: Naming Molecular Compounds
Objectives	Discuss the rules for systematically naming molecular compounds
Bell Ringer	Name the molecular compound : CF_4
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Worksheet on Naming Compounds

Tuesday, October 31

Topic	Completion of Laboratory Activity Introduction to Organic and Biochemical Compounds, pp. 197 - 203
Objectives	Describe organic compounds and their importance.
Bell Ringer	Define organic compounds .
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity

Assessment	What properties does a polymer have?, pp. 203
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Wednesday, November 1	
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Topic	Comparing Polymers, pp. 206 and 207
Objectives	Draw conclusions about which polymer would make a better toy ball.
Bell Ringer	Define <i>polymer</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Laboratory Worksheet

Thursday, November 2	
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Topic	Comparing Polymers - Continuation of Laboratory Activity, pp. 206 and 207 Review for Quiz
Objectives	Draw conclusions about which polymer would make a better toy ball.
Bell Ringer	What are examples of a polymer?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Laboratory Worksheet

Friday, November 3	
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Topic	Quiz Completion of Laboratory Activity
Objectives	Draw conclusions about which polymer would make a better toy ball.
Bell Ringer	What are three examples of a polymer?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Quiz Practice Exercise

