

Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plan

Dates:

November 27 - December 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-PS1-5

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, November 27

Topic	Review Quiz: Stoichiometry and Factors Affecting a Chemical Reaction Solutions and Other Mixtures, pp. 259 - 265
Objectives	Differentiate heterogeneous and homogeneous mixture influence the growth of organisms.
Bell Ringer	Differentiate between heterogeneous and homogeneous mixtures.
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Review Quiz

Tuesday, November 28

Topic	Quiz and How Substances Dissolve, pp. 267 - 264
Objectives	Identify the solute and the solvent in a system.
Bell Ringer	Differentiate between <i>Polar and Nonpolar Substances</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity

Assessment	Quiz Worksheet
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Wednesday, November 29	
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Topic	Solubility and Concentration, pp. 277 - 280
Objectives	Define solubility, and list factors that affect it.
Bell Ringer	Define Solubility
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Laboratory and Practice Worksheet

Thursday, November 30	
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Topic	Acids and Bases Completion of Laboratory Activity
Objectives	Describe the properties of acid and bases.
Bell Ringer	Differentiate between <i>Acids and Bases</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Practice Worksheet

Friday, December 1	
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Topic	Laboratory Activity: Describing Acids and Bases
Objectives	Describe the properties of acid and bases.
Bell Ringer	What do acids give in a solution? How about bases?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Laboratory Worksheet