

Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plan

Dates:

November 20 - 22, 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 20

Topic	Factors Affecting a Chemical Reaction - Laboratory Work pp. 244 - 249
Objectives	Determine how the rate of reaction depends on concentration, temperature, surface area, and a catalyst.
Bell Ringer	Draw a comparison of particle collision when heated and when cooled.
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Laboratory Worksheet

Tuesday, November 21

Topic	Review Quiz Equilibrium Systems, pp. 244 - 247
Objectives	Explain what is meant by chemical equilibrium and how it relates to reaction rates.
Bell Ringer	Define <i>chemical equilibrium</i>
Procedure /	Guided Practice, Interactive Discussion, Hands - on / Laboratory

Instructional Delivery	Activity
Assessment	Review Quiz Practice Worksheet

Wednesday, November 22

Topic	Completion of Laboratory Activity Review Quiz
Objectives	Explain how equilibrium relates to rates of reactions.
Bell Ringer	What remains unchanged when equilibrium is achieved?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Quiz Laboratory Worksheet

Thursday, November 23

NO SCHOOL

Friday, November 24

NO SCHOOL