

Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plan

Dates:
May 13 - 17, 2024

Time and Period:
10:30 - 11:22 AM, Third Period

Performance Standard:

HS-PS3-1

Create a mathematical model to calculate the change in the energy of one component in a system when the change in energy of the other component(s) and energy flows in and out of the system are known.

HS-PS3-2

Develop and use models to illustrate that energy is associated with motion and relative position of particles (objects).

HS-PS3-3

Design, build, and refine a device that works within given constraints to convert one form of energy into another form of energy

Monday, May 13

Topic	Mole to Mole
Objectives	Calculate the amount (in moles or grams) of a particular substance produced or used in a chemical reaction.
Bell Ringer	Define <i>moles</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Mole to Mole Worksheet

Tuesday, May 14

Topic	UNIT TEST Mole to Mass
Objectives	Calculate the amount (in moles or grams) of a particular substance produced or used in a chemical reaction.
Bell Ringer	Define <i>mole ratio</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity

Assessment	Mole to Mass Worksheet
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Wednesday, May 15	
Topic	Mass to Mass
Objectives	Calculate the amount (in moles or grams) of a particular substance produced or used in a chemical reaction.
Bell Ringer	How many grams are there in 2 moles of NH_3 ?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Mass to Mass Worksheet

Thursday, May 16	
Topic	Science Vocabulary Quiz
Objectives	Define the vocabulary and give an example.
Bell Ringer	Define <i>isotopes</i>
Procedure / Instructional Delivery	Interactive Discussion, Hands-on / Laboratory Activity
Assessment	Science Vocabulary Quiz

Friday, May 17	
Topic	Science Process Skills
Objectives	Explore the importance of using multiple senses for the observation process skill.
Bell Ringer	Define inference and give an example of inference.
Procedure / Instructional Delivery	Interactive Discussion, Hands-on / Laboratory Activity
Assessment	Science Process Skills Worksheet

