

Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plan

Dates:
 March 11 - 15, 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, March 4

Topic	Magnets and Magnetic Fields, pp. 619 - 624 QUIZ
Objectives	Predict the result when the poles of the magnet are brought close together.
Bell Ringer	Define <i>magnetic poles</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Magnets and Magnetic Fields, pp. 619 - 624

Tuesday, March 5

Topic	Magnetism from Electric Currents, pp. 626 - 631
Objectives	Explain why current carrying wire deflects the needle of the compass.
Bell Ringer	What is the function of galvanometers and electric motors?
Procedure /	Guided Practice, Interactive Discussion, Hands - on / Laboratory

Instructional Delivery	Activity
Assessment	Magnetism from Electric Currents, pp. 626 - 631

Wednesday, March 6	
Topic	Making a Better Electromagnet, pp. 640 - 641
Objectives	Analyze results to identify the features of a strong electromagnet.
Bell Ringer	What are ways to strengthen an electromagnet?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Making a Better Electromagnet, pp. 640 - 641

Friday, March 8	
Topic	Analyzing Parallel and Series Circuits, pp. 632 - 637
Objectives	Describe the current and voltage across the components of a parallel and series circuit.
Bell Ringer	Differentiate parallel and series circuits in terms of current.
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Electric Currents from Magnetism, pp. 632 - 637

Friday, March 15	
NO SCHOOL	