

Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plan

Dates:

April 29 - May 3, 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, April 29

Topic	Dispersion and Prisms, pp. 570 - 572
Objectives	Explain how the different wavelengths of visible light create dispersion.
Bell Ringer	Define <i>dispersion and</i> give a real-life example of this property.
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Dispersion and Prisms, pp. 570 - 572

Tuesday, April 30

Topic	Ultrasound and Sonar, pp. 550 - 551
Objectives	Identify a way ultrasound is used to help us in everyday life.
Bell Ringer	What are the uses of ultrasound and sonar?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Ultrasound and Sonar, pp. 550 - 551

Wednesday, May 1

Topic	Work and Power, pp. 432 - 434 Continuation of Lenses and Images
Objectives	Explain the relationship between work and power.
Bell Ringer	Define <i>power</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Continuation of Lenses and Images

Thursday, May 2

Topic	Mechanical Advantage, pp. 436 - 437
Objectives	Compare a machines actual mechanical advantage to its ideal mechanical advantage
Bell Ringer	Define <i>mechanical advantage</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Mechanical Advantage, pp. 436 - 437

Friday, May 3

FIELDTRIP