Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plan	
Dates: April 1 - 5, 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 1
NO SCHOOL

Tuesday, April 2
NO SCHOOL

Wednesday, April 3	
Topic	Reflection, Diffraction, and Refraction, pp. 524 - 525
Objectives	Describe wave reflection, refraction, and diffraction.
Bell Ringer	Define wave reflection, refraction, and diffraction.
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Reflection, Diffraction, and Refraction, pp. 524 - 525

Thursday, April 4	
Topic	Transverse Waves, pp. 530 - 531
Objectives	Measure the amplitude, wavelength, and period of transverse waves using sine curves as models.
Bell Ringer	Define ***Standing Waves***
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Transverse Waves, pp. 530 - 531

Friday, April 5	
Topic	Sound Waves, pp. 543 - 546
Objectives	Explore three characteristics of sound—pitch, volume and frequency.
Bell Ringer	Differentiate between ***infrasound*** and ***ultrasound***.
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Sound Waves, pp. 543 - 546