



Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plans for
April 24 - 28, 2023
3rd Hour, 10:30 – 11:22 AM

	Monday (April 24)	Tuesday (April 25)	Wednesday (April 26)	Thursday (April 27)	Friday (April 28)
Performance Standards	HS-PS2-4 Use mathematical representations of Newton’s Law of Gravitation and Coulomb’s Law to describe and predict the gravitational and electrostatic forces between objects.	HS-PS2-4 Use mathematical representations of Newton’s Law of Gravitation and Coulomb’s Law to describe and predict the gravitational and electrostatic forces between objects.	HS-PS2-4 Use mathematical representations of Newton’s Law of Gravitation and Coulomb’s Law to describe and predict the gravitational and electrostatic forces between objects.	HS-PS2-4 Use mathematical representations of Newton’s Law of Gravitation and Coulomb’s Law to describe and predict the gravitational and electrostatic forces between objects.	HS-PS2-4 Use mathematical representations of Newton’s Law of Gravitation and Coulomb’s Law to describe and predict the gravitational and electrostatic forces between objects.
Topic	Types of Waves Lab	Properties of Sound Waves	Frequency of sound wave	Doppler Effect	Doppler Effect
Objectives	<ul style="list-style-type: none"> perform a lab to demonstrate the two types of waves 	<ul style="list-style-type: none"> describe the properties of waves in terms of reflection, refraction, reflection, and diffraction 	<ul style="list-style-type: none"> graph the wave of a sound with frequency and amplitude compute for the frequency of sound waves 	<ul style="list-style-type: none"> describe the frequency of the sound waves based on doppler effect principle 	<ul style="list-style-type: none"> describe the frequency of the sound waves based on doppler effect principle
Bellringer	Define crest	Define rarefaction	Define reflection	Define refraction	Vocab quiz
Procedure/ Instructional Delivery	<ul style="list-style-type: none"> Prelab discussion Lab proper: types of waves Post lab discussion 	<ul style="list-style-type: none"> Student activity: behavior of waves exploration Explanation: the teacher will present the main concept of the lesson Exit ticket 	<ul style="list-style-type: none"> Student activity: tuning forks Graphing waves Computing for frequency 	<ul style="list-style-type: none"> Prelab Lab proper: lab 1. simulation 	<ul style="list-style-type: none"> Lab proper: lab 2. Observing doppler effect Post lab discussion
Assessment	Lab rubric	Exit ticket	worksheet	Lab rubric	Lab rubric
Remarks					

Prepared by:

Angelito M. Rivera
Science Teacher