Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plans for
May 1-5, 2023
3rd Hour, 10:30 – 11:22 AM

	Monday (May 1)	Tuesday (May 2)	Wednesday (May 3)	Thursday (May 4)	Friday (May 5)
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	Image on mirrors Lab	Image on mirrors simulation	The electromagnetic spectrum	Simulation on Colors	Refraction on lenses
Objectives	• perform a lab to demonstrate the two types of waves	• describe the properties of waves in terms of reflection, refraction, reflection, and diffraction	• describe the areas of electromagnetic spectrum and their uses	• explain how we see colors	• explain the behavior of light waves when it pass from one medium to another
Bellringer	Define real image	Define virtual image	Define convex mirrors	Define concave mirror	Vocab quiz
Procedure/ Instructional Delivery	o Prelab discussion o Lab proper: types of waves o Post lab discussion	o Student activity: behavior of waves exploration o Explanation: the teacher will present the main concept of the lesson o Exit ticket	o Day project on electromagnetic spectrum	o Project presentation o Simulation on color filtering using Phet Colorado	o Prelab discussion o Lab preparation o Lab proper
Assessment	Lab rubric	Exit ticket	worksheet	Simulation worksheet	Lab rubric
Remarks					

Prepared by:

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Science Teacher