Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plan	
Dates: January 22 - 26, 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, January 22	
Topic	Continuation of Laboratory Activity Newton's First Law of Motion, pp. 397 - 400
Objectives	State Newton's first law of motion and describe several examples of the law in operation.
Bell Ringer	Define ***inertia***
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Newton's First Law of Motion, pp. 397 - 400

Tuesday, January 23	
Topic	Newton's Second Law of Motion, pp. 400 - 402
Objectives	State Newton's second law of motion and describe several examples of the law in operation.
Bell Ringer	Define ***net force***
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity

Assessment	Newton's Second Law of Motion, pp. 400 - 402

Wednesday, January 24	
Topic	Gravity, pp. 403 - 406
Objectives	Determine the gravitational force between two objects whose masses and separation distance are known.
Bell Ringer	What is the difference between mass and weight?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Gravity, pp. 403 - 406

Thursday, January 25	
Topic	Free Fall and Projectile Motion, pp. 408 - 410
Objectives	Describe objects that are moving through the air and acted on only by gravity.
Bell Ringer	Define ***projectile motion***
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Free Fall and Projectile Motion, pp. 408 - 410

Friday, January 26
NO SCHOOL