



Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plans for
March 13-17, 2023
3rd Hour, 10:30 – 11:22 AM

	Monday (March 13)	Tuesday (March 14)	Wednesday (March 15)	Thursday (March 16)	Friday (March 17)
Performance Standards	HS-PS2-1 Analyze data to support the claim that Newton's second law of motion describes the mathematical relationship among the net force on a macroscopic object, its mass, and its acceleration.	HS-PS2-1 Analyze data to support the claim that Newton's second law of motion describes the mathematical relationship among the net force on a macroscopic object, its mass, and its acceleration.	HS-PS2-1 Analyze data to support the claim that Newton's second law of motion describes the mathematical relationship among the net force on a macroscopic object, its mass, and its acceleration.	HS-PS2-1 Analyze data to support the claim that Newton's second law of motion describes the mathematical relationship among the net force on a macroscopic object, its mass, and its acceleration.	HS-PS2-1 Analyze data to support the claim that Newton's second law of motion describes the mathematical relationship among the net force on a macroscopic object, its mass, and its acceleration.
Topic	Rube Goldberg Machines	Mechanical advantage	Mechanical advantage	Mechanical Energy lab	Mechanical Energy
Objectives	<ul style="list-style-type: none"> • create a complex machine using various simple machines 	<ul style="list-style-type: none"> • discuss the mechanical advantage of the simple machines 	<ul style="list-style-type: none"> • discuss the mechanical advantage of the simple machines 	<ul style="list-style-type: none"> • state the law of conservation of mechanical energy • state the difference between kinetic and potential energies • calculate the potential and kinetic energy on a system 	<ul style="list-style-type: none"> • state the law of conservation of mechanical energy • state the difference between kinetic and potential energies • calculate the potential and kinetic energy on a system
Bellringer	Define pulley	Define Screw	Define wedge	Define inclined plane	Vocab quiz
Procedure/ Instructional Delivery	<ul style="list-style-type: none"> ○ Work on project ○ Project presentation 	<ul style="list-style-type: none"> ○ Prelab discussion ○ Lab proper 	<ul style="list-style-type: none"> ○ Lab proper ○ Post lab procedure ○ Discussion 	<ul style="list-style-type: none"> ○ Lab introduction ○ Lab proper 	<ul style="list-style-type: none"> ○ Lab proper ○ Post lab discussion
Assessment	Project rubric	Lab rubric	Lab rubric	Lab rubric	Lab rubric
Remarks					

Prepared by:

Angelito M. Rivera
Science Teacher