



Edmore Public School  
706 Main St, Edmore, ND 58330

**Physical Science Lesson Plans for  
January 23 -27, 2023  
3<sup>rd</sup> Hour, 10:30 – 11:22 AM**

	Monday (Jan 23)	Tuesday (Jan 24)	Wednesday (Jan 25)	Thursday (Jan 26)	Friday (Jan 27)
<b>Performance Standards</b>	<b>HS-PS2-1</b> 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.	<b>HS-PS2-1</b> 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.	<b>HS-PS2-1</b> 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.	<b>HS-PS2-1</b> 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.	<b>HS-PS2-1</b> 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.
<b>Topic</b>	<b>Describing Motion – speed and velocity</b>	<b>Describing Motion – mass and weight</b>	<b>Describing Motion – mass and weight</b>	<b>Describing motion – acceleration simulation lab</b>	<b>Describing Motion – speed and velocity</b>
<b>Objectives</b>	Describe the motion of the object using distance, speed, acceleration with respect to frame of reference	Conduct and experiment to determine the relationship between an object’s weight and mass.	Conduct and experiment to determine the relationship between an object’s weight and mass.	<ul style="list-style-type: none"> <li>Describe the motion of the object using distance, speed, acceleration with respect to frame of reference</li> </ul>	<ul style="list-style-type: none"> <li>Describe the motion of the object using distance, speed, acceleration with respect to frame of reference</li> </ul>
<b>Bellringer</b>	Define speed	Define velocity	Define mass	Define weight	Vocab quiz
<b>Procedure/ Instructional Delivery</b>	<ul style="list-style-type: none"> <li>Direct instruction on speed and velocity</li> <li>Independent practice: solving problems regarding speed and velocity</li> </ul>	<ul style="list-style-type: none"> <li>Direct instruction on mass and weight</li> <li>Independent practice: problem solving involving weight</li> </ul>	<ul style="list-style-type: none"> <li>Finding the gold treasure activity.</li> </ul>	<ul style="list-style-type: none"> <li>Lab simulation on acceleration using Phet Colorado</li> </ul>	<ul style="list-style-type: none"> <li>Direct instruction on acceleration</li> <li>Independent practice: word problems involving acceleration</li> </ul>
<b>Assessment</b>	Lab paper	Lab paper	Worksheet	Simulation lab paper	worksheet
<b>Remarks</b>					

Prepared by:

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Science Teacher