



Edmore Public School  
706 Main St, Edmore, ND 58330

**Physical Science Lesson Plans for**  
**February 6 - 10, 2023**  
**3<sup>rd</sup> Hour, 10:30 – 11:22 AM**

	Monday (Feb 6)	Tuesday (Feb 7)	Wednesday (Feb 8)	Thursday (Feb 9)	Friday (Feb 10)
<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>Topic</b>	<b>Freefall Lab</b>	<b>Freefall Lab</b>	<b>Projectile simulation</b>	<b>Catapult project</b>	
<b>Objectives</b>	<ul style="list-style-type: none"> <li>perform experiment to measure the acceleration of a falling object</li> </ul>	<ul style="list-style-type: none"> <li>perform experiment to measure the acceleration of a falling object</li> </ul>	<ul style="list-style-type: none"> <li>Describe the motion of an object in 2-dimensions</li> </ul>	<ul style="list-style-type: none"> <li>Describe the motion of an object in 2-dimensions</li> </ul>	
<b>Bellringer</b>	Define gravity	Define gravitational acceleration	Define time of flight	Define maximum height	
<b>Procedure/ Instructional Delivery</b>	<ul style="list-style-type: none"> <li>Introduction to lab</li> <li>Setting-up</li> </ul>	<ul style="list-style-type: none"> <li>Experiment proper</li> <li>Discussions on the result of the experiment</li> </ul>	<ul style="list-style-type: none"> <li>Projectile simulation lab</li> <li>Review of main concepts on projectile</li> </ul>	<ul style="list-style-type: none"> <li>Catapult project introduction</li> </ul>	
<b>Assessment</b>	Lab rubric	Lab rubric	Questions	Project rubirc	
<b>Remarks</b>					No School

Prepared by:

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