

**Edmore Public School**  
**706 Main St, Edmore, ND 58330**

**Physical Science Lesson Plan**

**Dates:**

January 8 - 12, 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 8**

<b>Topic</b>	Measuring Motion, pp. 365 - 369
<b>Objectives</b>	Compute for the average speed and velocity of a moving object
<b>Bell Ringer</b>	Differentiate between <i>speed and velocity</i> .
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Measuring Speed, pp. 368

**Tuesday, January 9**

<b>Topic</b>	Graphing Motion, pp. 370 and 371
<b>Objectives</b>	Interpret distance-time graphs.
<b>Bell Ringer</b>	Interpret the graphs found on pp. 371
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Graphing Motion, pp. 370 and 371

**Wednesday, January 10**

**SCHOOL ACTIVITY**

**Thursday, January 11**

**FIRST SEMESTER TEST**

**Friday, January 12**

<b>Topic</b>	Continuation of Semester Test Acceleration, pp. 372 and 373
<b>Objectives</b>	Describe acceleration and the factors affecting acceleration
<b>Bell Ringer</b>	What are three factors that affect acceleration?
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Acceleration, pp. 372 and 373 Continuation of Semester Test (If needed)