

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

**Earth Science Lesson Plan**

**Dates:**

April 8 - 12, 2024

**Time and Period:**

9:35 - 10:27 AM, Second Period

**Performance Standard:**

**MS-ESS1-1**

Develop and use a model of the Earth-Sun-Moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.

**MS-ESS1-2**

Develop and use a model to describe the role of gravity in the motions within galaxies and the solar system.

**MS-ESS1-3**

Analyze and interpret data to determine scale properties of objects in the solar system.

**Monday, April 8**

<b>Topic</b>	Exploring Physical Science
<b>Objectives</b>	Observe how things move under the influence of the forces applied.
<b>Bell Ringer</b>	What are the 3 laws of motion?
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Hands-on / Laboratory Activity
<b>Assessment</b>	Exploring Physical Science

**Tuesday, April 9**

<b>Topic</b>	Observing the Sky and the Solar System, pp. 84 - 88
<b>Objectives</b>	Use parallax to compare the relative distances between objects.
<b>Bell Ringer</b>	Define <i>Parallax</i>
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Hands-on / Laboratory Activity
<b>Assessment</b>	Observing the Sky and the Solar System, pp. 84 - 88

Wednesday, April 10	
<b>Topic</b>	STATE TEST  Note: Students will proceed with this topic once they have completed the assessment.  Incorporating New Discoveries, pp. 90 - 93
<b>Objectives</b>	Explore the properties of celestial objects that make up the solar system.
<b>Bell Ringer</b>	Differentiate between comets and asteroids.
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation
<b>Assessment</b>	Formation of Star Systems, pp. 71 - 75 Review Quiz

Thursday, April 11	
<b>Topic</b>	Exploring the Solar System with Models, pp. 96 - 98 Review Quiz
<b>Objectives</b>	Explore how space phenomena are observed at various scales.
<b>Bell Ringer</b>	Define <i>astronomical unit</i>
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Hands-on / Laboratory Activity
<b>Assessment</b>	Exploring the Solar System with Models, pp. 96 - 98

Friday, April 12	
<b>Topic</b>	UNIT TEST Modelling the Milky Way, pp. 106 - 109
<b>Objectives</b>	Model how perspective affects observations of a system of many parts.
<b>Bell Ringer</b>	Give two information about the Milky Way Galaxy.
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Hands-on / Laboratory Activity
<b>Assessment</b>	Modelling the Milky Way, pp. 106 - 109

