

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

**Earth Science Lesson Plan**

**Dates:**  
 October 9 - 13, 2023

**Time and Period:**  
 9:35 - 10:27 AM, Second Period

**Performance Standard:**

MS-ESS2-5

Use data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions.

MS-ESS2-6

Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates.

**Monday, October 9**

<b>Topic</b>	Completion of Laboratory Activity: Make a Glacier
<b>Objectives</b>	State the factors that affect how fast a glacier moves.
<b>Bell Ringer</b>	Define <i>humidity</i> .
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice, Hands-on Activity
<b>Assessment</b>	Completion of Laboratory Activity

**Tuesday, October 10**

<b>Topic</b>	Weather, pp. 80 and 81
<b>Objectives</b>	Explore how weather is influenced by interactions involving temperature and humidity.
<b>Bell Ringer</b>	Define <i>weather</i> .
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
<b>Assessment</b>	Weather, pp. 80 and 81 Describing Relative Humidity, pp. 81

**Wednesday, October 11**

<b>Topic</b>	Air Pressure, pp. 82 and 83
<b>Objectives</b>	Explore the cause-and-effect relationship between air pressure and wind.
<b>Bell Ringer</b>	Define <i>altitude</i> .
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
<b>Assessment</b>	Air Pressure, pp. 82 and 83

**Thursday, October 12**

<b>Topic</b>	Weather Associated with Pressure Systems, pp. 84 and 86
<b>Objectives</b>	Examine the relationship between weather and high- and low-pressure systems.
<b>Bell Ringer</b>	Differentiate between high- and low- Pressure Systems.
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Maps, Models, Simulation, Hands-on/Lab Activity
<b>Assessment</b>	Weather Associated with Pressure Systems, pp. 84 and 86

**Friday, October 13**

<b>Topic</b>	Quiz and Air Fronts and Weather, 87 and 88
<b>Objectives</b>	Explain the interactions of land, water, and air to understand how fronts are formed.
<b>Bell Ringer</b>	Define <i>air mass</i> .
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Maps, Models, Simulation, Hands-on/Lab Activity
<b>Assessment</b>	Air Fronts and Weather, 87 and 88