

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

**Earth Science Lesson Plan**

**Dates:**  
 November 27 - December 1, 2023

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

**Performance Standard:**

MS-ESS2-4

Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity.

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, November 27**

<b>Topic</b>	Effects of Weathering, pp. 6-9
<b>Objectives</b>	Explain how weathering, erosion, and deposition have shaped the Earth's surface.
<b>Bell Ringer</b>	Define <i>Weathering</i> .
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
<b>Assessment</b>	Effects of Weathering, pp. 6-9

**Tuesday, November 28**

<b>Topic</b>	Agents of Erosion and Deposition, pp. 10 - 15
<b>Objectives</b>	Model to represent ways that the surface of the earth can be changed through processes of weathering, erosion, and deposition.
<b>Bell Ringer</b>	List down the four agents of weathering.
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity

<b>Assessment</b>	Agents of Erosion and Deposition, pp. 10 - 15
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<b>Wednesday, November 29</b>	
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<b>Topic</b>	Scales of Weathering, Erosion, and Deposition, pp. 15 and 16 Mock Presentation
<b>Objectives</b>	Describe phenomena on large time scales.
<b>Bell Ringer</b>	Identify areas of weathering, erosion, and deposition on pp. 13
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
<b>Assessment</b>	Scales of Weathering, Erosion, and Deposition, pp. 15 and 16

<b>Thursday, November 29</b>	
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<b>Topic</b>	Presentation Completion of Laboratory Activity
<b>Objectives</b>	Develop and use a climate model to explain the causes of chosen severe weather.
<b>Bell Ringer</b>	Define your <b>severe weather in one complete sentence.</b>
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice
<b>Assessment</b>	Presentation of Unit Project

<b>Friday, December 1</b>	
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<b>Topic</b>	Review for Unit Test Introduction to Minerals and Rocks, pp. 24 and 25
<b>Objectives</b>	Examine how cycling of materials contributes to the formation of rocks and minerals.
<b>Bell Ringer</b>	Differentiate between rocks and minerals.
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
<b>Assessment</b>	Minerals and Rocks, pp. 24 and 25