



Edmore Public School  
706 Main St, Edmore, ND 58330

**Earth Science Lesson Plans for  
November 28 – December 2, 2022  
6<sup>th</sup> hour, 1:37 – 2:29 PM**

|  | <b>Monday (Nov 28)</b>   | <b>Tuesday (Nov 29)</b>  | <b>Wednesday (Nov 30)</b>  | <b>Thursday (Dec 1)</b>  | <b>Friday (Dec 2)</b>  |
|--|--|--|--|--|--|
| <b>Performance Standards</b>             | <p><b>MS-ESS2-5</b><br/>Collect data to provide evidence for how the motions and complex interaction of air masses resulting the changes in weather conditions</p> <p><b>MS-ESS2-6</b><br/>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.</p> | <p><b>MS-ESS2-5</b><br/>Collect data to provide evidence for how the motions and complex interaction of air masses resulting the changes in weather conditions</p> <p><b>MS-ESS2-6</b><br/>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.</p> | <p><b>MS-ESS2-5</b><br/>Collect data to provide evidence for how the motions and complex interaction of air masses resulting the changes in weather conditions</p> <p><b>MS-ESS2-6</b><br/>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.</p> | <p><b>MS-ESS2-5</b><br/>Collect data to provide evidence for how the motions and complex interaction of air masses resulting the changes in weather conditions</p> <p><b>MS-ESS2-6</b><br/>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.</p> | <p><b>MS-ESS2-5</b><br/>Collect data to provide evidence for how the motions and complex interaction of air masses resulting the changes in weather conditions</p> <p><b>MS-ESS2-6</b><br/>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.</p> |
| <b>Topic</b>                             | <p><b>Unit 3: Weather and Climate</b><br/>Lesson 3: Influences on Climate<br/><i>Take it further</i></p>   | <p><b>Unit 3: Weather and Climate</b><br/>Lesson 3: Influences on Climate</p>  | <p><b>Unit 3: Weather and Climate</b><br/><b>Unit Test</b></p>   | <p><b>Unit 3: Weather and Climate</b><br/>Unit performance task</p>  | <p><b>Unit 3: Weather and Climate</b><br/>Unit performance task</p>  |
| <b>Objectives</b>                        | <ul style="list-style-type: none"> <li>• use a model of Earth’s major climate zones and Earth’s regional climate zones to synthesize the understanding of factors such as elevation, sunlight, latitude, ocean currents., geography, and prevailing winds</li> <li>• review for the lesson quiz</li> </ul>   | <ul style="list-style-type: none"> <li>• assess proficiency of current lesson</li> </ul>   | <ul style="list-style-type: none"> <li>• Assess proficiency of current unit</li> </ul>   | <ul style="list-style-type: none"> <li>• research the monsoon season in the Midwest region of the US, and use data to answer questions about how monsoon seasons have changed through the years</li> </ul>   | <ul style="list-style-type: none"> <li>• research the monsoon season in the Midwest region of the US, and use data to answer questions about how monsoon seasons have changed through the years</li> </ul>   |
| <b>Bellringer</b>                        | (3 min) monsoon  | (3 min) prevailing winds   | (3 min) greenhouse effect  | (3 min) greenhouse gas   | (3 min) vocab quiz   |
| <b>Procedure/ Instructional Delivery</b> | <ul style="list-style-type: none"> <li>o Presentation of climate powerpoint</li> <li>o Take it further: greenhouse gases</li> </ul>  | <ul style="list-style-type: none"> <li>o Lesson quiz</li> <li>o Unit review</li> </ul>   | <ul style="list-style-type: none"> <li>o Unit test</li> </ul>  | <ul style="list-style-type: none"> <li>o Introduction of performance task</li> <li>o Research</li> </ul>   | <ul style="list-style-type: none"> <li>o Project phase: Create a powerpoint presentation</li> </ul>  |

|                   |  |             |           |        |        |
|-------------------|--|-------------|-----------|--------|--------|
|                   | <ul style="list-style-type: none"> <li>○ Lesson-self check</li> <li>○ CER: reasoning</li> <li>○ Checkpoints</li> <li>○ Interactive review</li> </ul> |             |           |        |        |
| <b>Assessment</b> | Rubric, review worksheet   | Lesson quiz | worksheet | rubric | rubric |
| Remarks           |  |             |           |        |        |

Prepared by:

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