



Edmore Public School  
706 Main St, Edmore, ND 58330

**Earth Science Lesson Plans for  
October 24-28, 2022  
6<sup>th</sup> hour, 1:37 – 2:29 PM**

	<b>Monday (Oct 24)</b>	<b>Tuesday (Oct 25)</b>	<b>Wednesday (Oct 26)</b>	<b>Thursday (Oct 27)</b>	<b>Friday (Oct 28)</b>
<b>Performance Standards</b>	<p><b>MS-ESS2-4</b> Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity.</p> <p><b>MS-ESS2-6</b> 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-ESS2-4</b> Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity.</p> <p><b>MS-ESS2-6</b> 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-ESS2-4</b> Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity.</p> <p><b>MS-ESS2-6</b> 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-ESS2-4</b> Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity.</p> <p><b>MS-ESS2-6</b> 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-ESS2-4</b> Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity.</p> <p><b>MS-ESS2-6</b> 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>Lesson 3: Water Cycle</b> Exploration 1: Analyzing Water on Earth</p>	<p><b>Lesson 3: Water Cycle</b> Exploration 2: Describing the movement of water in Earth's Atmosphere</p>	<p><b>Lesson 3: The Water Cycle</b> <b>Lesson introduction</b> Exploration 2: Describing the movement of water in Earth's Atmosphere <i>Model the Formation of Clouds and Rain</i></p>	<p><b>Lesson 3: The Water Cycle</b> <b>Lesson introduction</b> Exploration 3: Describing the movement of water on Earth's surface</p>	<p><b>Lesson 3: The Water Cycle</b> <b>Lesson introduction</b> Exploration 4: Modeling Water Cycle</p>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>describe how the transfer of energy can result in the movement of water and its change of state</li> </ul>	<ul style="list-style-type: none"> <li>describe how water moves into Earth's atmosphere via transpiration, evaporation and sublimation</li> </ul>	<ul style="list-style-type: none"> <li>describe how water moves into Earth's atmosphere via transpiration, evaporation and sublimation</li> </ul>	<ul style="list-style-type: none"> <li>explain that water continually moves from Earth's surface to the atmosphere through the process of evaporation, transpiration, and sublimation</li> </ul>	<ul style="list-style-type: none"> <li>explain that water continually moves from Earth's surface to the atmosphere through the process of evaporation, transpiration, and sublimation</li> </ul>
<b>Bellringer</b>	(3 min) condensation	(3 min) solidification	(3 min) sublimation	(3 min) transpiration	(3 min) vocab quiz
<b>Procedure/ Instructional Delivery</b>	<ul style="list-style-type: none"> <li>Introduction Activity: (Coloring) where water is found on earth</li> <li>Reading: Importance of Water</li> </ul>	<ul style="list-style-type: none"> <li>Intro: earth's atmosphere</li> <li>Water cycle coloring activity</li> <li>Reading: How water reaches the atmosphere</li> </ul>	<ul style="list-style-type: none"> <li>Prelab instructions</li> <li>Hands-on Lab: Modelling cloud formation and rain</li> <li>Post lab discussion</li> </ul>	<ul style="list-style-type: none"> <li>Introduction: water on earth's surface</li> <li>Review: picture analysis on ocean circulation</li> </ul>	<ul style="list-style-type: none"> <li>Introduction: water cycle analogy</li> <li>Direct instruction: water cycle model</li> <li>CER: evidence 3</li> </ul>

	<ul style="list-style-type: none"> <li>○ Analyzing Image: states of water on earth</li> <li>○ CER: evidence 1</li> <li>○ Questions 7 and 8 (p. 50)</li> </ul>	○ CER: evidence 2		<ul style="list-style-type: none"> <li>○ Reading: water movement on land</li> <li>○ Engineer it!</li> <li>○ Questions: analyze process (p. 58)</li> </ul>	○ Question 31: model water cycle (p. 62)
<b>Assessment</b>	CER, questions	CER, Questions	Questions	Questions	
<b>Remarks</b>					

Prepared by:

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