



Edmore Public School
706 Main St, Edmore, ND 58330

**Earth Science Lesson Plans for
October 10-14, 2022
6th hour, 1:37 – 2:29 PM**

	Monday (Oct 10)	Tuesday (Oct 11)	Wednesday (Oct 12)	Thursday (Oct 13)	Friday (Oct 14)
Performance Standards	<p>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.</p> <p>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.</p>	<p>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.</p> <p>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.</p>	<p>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.</p> <p>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.</p>	<p>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.</p> <p>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.</p>	<p>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.</p> <p>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.</p>
Topic	<p>Lesson 2: Circulation in Earth's Ocean Exploration 3: Relating Ocean Circulation to the Flow of Matter and Energy</p>	<p>Lesson 2: Circulation in Earth's Ocean Exploration 3: Relating Ocean Circulation to the Flow of Matter and Energy</p>	<p>Lesson 2: Circulation in Earth's Ocean Exploration 3: Relating Ocean Circulation to the Flow of Matter and Energy</p>	<p>Lesson 2: Circulation in Earth's Ocean Exploration 3: Relating Ocean Circulation to the Flow of Matter and Energy</p>	<p>Lesson 2: Circulation in Earth's Ocean Lesson self-check</p>
Objectives	<ul style="list-style-type: none"> study the ways in which variations in temperature and salinity work together with gravity to drive the movement of water throughout the oceans 	<ul style="list-style-type: none"> study the ways in which variations in temperature and salinity work together with gravity to drive the movement of water throughout the oceans 	<ul style="list-style-type: none"> study the ways in which variations in temperature and salinity work together with gravity to drive the movement of water throughout the oceans 	<ul style="list-style-type: none"> study the ways in which variations in temperature and salinity work together with gravity to drive the movement of water throughout the oceans 	<ul style="list-style-type: none"> review for the coming lesson quiz
Bellringer	(3 min) surface current	(3 min) surface current	(3 min) surface current	(3 min) surface current	(3 min) vocabulary quiz
Procedure/ Instructional Delivery	<ul style="list-style-type: none"> Introduction: Earth's oceans as a system Reading: convection current in the ocean Interpreting picture: convection current Questions 	<ul style="list-style-type: none"> Prelab discussion: objective, lab safety, procedure Lab proper: Modelling convection current Post lab procedure 	<ul style="list-style-type: none"> Interpreting picture: Global circulation Pair task: circulation in the school Direct instruction: Flow of energy Questions 	<ul style="list-style-type: none"> Reading: the cycling of matter CER: evidence Close: predict effects of a change in ocean circulation. 	<ul style="list-style-type: none"> CER: reasoning Checkpoints Interactive review Review games
Assessment	questions	Lab rubric	Questions	Close	CER

Remarks					
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Prepared by:

Angelito M. Rivera
Science Teacher