

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

## Earth Science Lesson Plans for September 19 - 23, 2022 1:37 - 2:29 PM

	Monday (Sept 19)	Tuesday (Sept 20)	Wednesday (Sept 21)	Thursday (Sept 22)	Friday (Sept 23)
Performance	MS-ESS2-4	MS-ESS2-4	MS-ESS2-4	MS-ESS2-4	MS-ESS2-4
Standards	Develop a model to describe	Develop a model to describe	Develop a model to describe	Develop a model to describe	Develop a model to describe
	the cycling of water through	the cycling of water through	the cycling of water through	the cycling of water through	the cycling of water through
	Earth's systems	Earth's systems	Earth's systems	Earth's systems	Earth's systems
	driven by energy from the sun	driven by energy from the sun	driven by energy from the sun	driven by energy from the sun	driven by energy from the sun
	and the force of gravity.	and the force of gravity.	and the force of gravity.	and the force of gravity.	and the force of gravity.
	MS-ESS2-6	MS-ESS2-6	MS-ESS2-6	MS-ESS2-6	MS-ESS2-6
	Develop and use a model to	Develop and use a model to	Develop and use a model to	Develop and use a model to	Develop and use a model to
	describe how unequal heating	describe how unequal heating	describe how unequal heating	describe how unequal heating	describe how unequal heating
	and rotation of	and rotation of	and rotation of	and rotation of	and rotation of
	the Earth cause patterns of	the Earth cause patterns of	the Earth cause patterns of	the Earth cause patterns of	•
	atmospheric and oceanic	atmospheric and oceanic	atmospheric and oceanic	atmospheric and oceanic	atmospheric and oceanic
	circulation that	circulation that	circulation that	circulation that	circulation that
	determine regional climates.	determine regional climates.	determine regional climates.	determine regional climates.	determine regional climates.
Topic	Lesson 1: Circulation in	Lesson 2: Circulation in	Lesson 2: Circulation in	Lesson 2: Circulation in	Lesson 2: Circulation in
	Earth's Atmosphere	Earth's Ocean	Earth's Ocean	Earth's Ocean	Earth's Ocean
	Lesson Self- Check	Exploration 1: Modeling	Exploration 1: Modeling	Exploration 2: Modeling Deep	Exploration 2: Modeling Deep
	Lesson Quiz	surface currents	surface currents	Currents	Currents
Objectives	<ul> <li>assess understanding of the</li> </ul>	<ul> <li>use model to study</li> </ul>	• use model to study patterns	<ul> <li>use models to represent</li> </ul>	<ul> <li>use models to represent</li> </ul>
	lesson 1	patterns of oceanic	of oceanic circulation in	energy and matter flow	energy and matter flow
		circulation in surface	surface currents.	within systems and to	within systems and to
		currents.		describe phenomena related	describe phenomena related
				to deep ocean currents	to deep ocean currents
Bellringer	(3 min) ocean current	(3 min) surface current	(3 min) global winds	(3 min) density	(3 min) vocabulary quiz
Procedure/	o Lesson review	o Lesson introduction	o Exploration: Modeling	o Prelab	o Density differences in
Instructional	o Lesson 1 quiz	o CER: claim	surface currents	o Lab proper	ocean water
Delivery		o Direct instruction:	o Exploring visuals: wind	o Postlab	o Analyze water density data
		formation of surface	system		o CER
		currents	o Factors affecting current		
		o Exploring visuals: Surface	o CER: evidence		
		winds and surface currents			
		o Closing: questions			
Assessment	Lab paper	questions	CER	Lab rubric	CER
Remarks					

Prepared by:

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