

Edmore Public School
706 Main St, Edmore, ND 58330

Earth Science Lesson Plan

Dates:
September 25 - 29, 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-ESS2-6

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, September 25

Topic	Unit Project: Density Differences in Water - Group Presentation
Objectives	Analyze ways in which variations in temperature and salinity work together with gravity to drive the movement of water throughout the oceans.
Bell Ringer	How do temperature and density work together to drive the movement of water throughout the oceans?
Procedure / Instructional Delivery	<ul style="list-style-type: none"> ● Debugging ● Use of Models ● Group Discussion
Assessment	GRASPS Unit Project Worksheet

Tuesday, September 26

Topic	Movement of Water on Earth's Surface pp. 55 - 59
Objectives	Explore ocean currents and how water continually cycles through land, ocean, and atmosphere.
Bell Ringer	Define <i>runoff</i> .
Procedure / Instructional Delivery	<ul style="list-style-type: none"> ● Discussion ● Use of Maps and Simulations ● Group Discussion

Assessment	Engineer it Movement of Water on Earth's Surface nos. 15 - 23, pp. 55 - 59 Planning for Unit Project
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Wednesday, September 27	
Topic	Modeling Water Cycle pp. 59 - 62
Objectives	Describe ways in which water continually cycles through Earth's system due to the transfer of energy from the sun and gravity.
Bell Ringer	Define <i>transpiration</i> .
Procedure / Instructional Delivery	<ul style="list-style-type: none"> • Discussion • Use of Maps and Simulations • Laboratory Activity • Model the Water Cycle
Assessment	Modelling the Water Cycle, pp. 59 - 62 Water Cycle Model, pp. 60

Thursday, September 28
Høstfest Field Trip

Friday, September 29
No School