

Edmore Public School
706 Main St, Edmore, ND 58330

Earth Science Lesson Plan

Dates:

September 18 - 22, 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 18

Topic	Quiz no. 2 and The Role of Water in Earth's Surface processes pp. 34-40
Objectives	Explain how the transfer of energy can result in the movement of water and its change in state.
Bell Ringer	What are two important roles that water plays in the earth system?
Procedure / Instructional Delivery	<ul style="list-style-type: none"> • Discussion • Use of Maps and Simulations • Analysis of Models
Assessment	Quiz no. 2 Exit Ticket and Worksheet pp. 34-40

Tuesday September 19

Grade 8 students will be in a school activity.

Wednesday, September 20	
Topic	Model the Formation of Clouds and Rain pp. 53 and 54
Objectives	Use a model to describe the processes of condensation and precipitation.
Bell Ringer	Define <i>condensation</i> .
Procedure / Instructional Delivery	<ul style="list-style-type: none"> • Discussion • Use of Maps and Simulations • Analysis of Models • Laboratory Activity
Assessment	Exit Ticket and Worksheet pp. 53 and 54 Planning for Unit Project

Thursday, September 21	
Topic	Unit Project: Density Differences in Water - Group Planning (Phase 2)
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 does temperature affect the density of water?
Procedure / Instructional Delivery	<ul style="list-style-type: none"> • Discussion • Use of Models • Group Discussion
Assessment	GRASPS Unit Project Worksheet

Friday, September 22	
Topic	Unit Project: Density Differences in Water - Group Planning (Phase 3)
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 does salinity increase the density of water?
Procedure / Instructional Delivery	<ul style="list-style-type: none"> • Discussion • Use of Models • Group Discussion

AssessmentGRASPS
Unit Project Worksheet