

Edmore Public School
706 Main St, Edmore, ND 58330

Earth Science Lesson Plan

Dates:

December 11 - 15, 2023

Time and Period:

9:35 - 10:27 AM, Second Period

Performance Standard:

MS-ESS2-1

Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process.

MS-ESS2-2

Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying times and spatial scales.

MS-ESS2-3

Analyze and interpret data on the distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of past plate motions.

Monday, December 11

Topic	Continental Data, pp. 48 - 50
Objectives	Analyze and interpret continental data.
Bell Ringer	What are four fossils that have been discovered in different continents?
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Continental Data, pp. 48 - 50

Tuesday, December 12

Topic	Analyzing Ocean-floor Data, pp. 52 - 53 Review Quiz
Objectives	Describe how the earth's oceans have changed over time.
Bell Ringer	Define <i>rift valley</i>
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity

Assessment	Analyzing Ocean-floor Data, pp. 52 - 53
-------------------	---

Wednesday, December 13	
-------------------------------	--

Topic	Modelling Earth's Surface and Review Quiz, pp. 56 - 57
Objectives	Explain how plate-systems interact.
Bell Ringer	Define <i>tectonic plates</i>
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Modelling Earth's Surface, pp. 56 - 57

Thursday, December 14	
------------------------------	--

Topic	Quiz Model the Movement of Continents, pp. 58 - 59
Objectives	Model how plate-systems interact.
Bell Ringer	What are the different plate boundaries?
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Model the Movement of Continents, pp. 58 - 59

Friday, December 15	
----------------------------	--

Topic	Explaining Plate Motion, pp. 59 - 61
Objectives	Construct an explanation of the plate-system interactions based on your knowledge of how the earth moves.
Bell Ringer	How do convection currents influence the movement of plates?
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Relative Ages of Rocks, pp. 101 and 102