

Edmore Public School
706 Main St, Edmore, ND 58330

Earth Science Lesson Plan

Dates:

January 29 - February 2, 2024

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, January 29

Topic	Completion of Laboratory Activity Predicting Geologic Hazards, pp. 32 - 35
Objectives	Analyze data from past geologic hazards to better understand how natural hazards are predicted.
Bell Ringer	Differentiate active, dormant, and extinct volcanoes and give an example for each.
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Predicting Geologic Hazards, pp. 32 - 35

Tuesday, January 30

Topic	Predicting Weather and Climate Hazards, pp. 37 - 40
Objectives	Analyze data from past tornadoes to better understand how natural hazards are predicted.
Bell Ringer	What are examples of weather hazards?

Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Predicting Weather and Climate Hazards, pp. 37 - 40

Wednesday, January 31	
8TH GRADE TEST	

Thursday, February 1	
Topic	Predicting Weather and Climate Hazards, pp. 41 - 43
Objectives	Analyze data from historic floods to understand their effects on an area.
Bell Ringer	What are three types of floods?
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Predicting Weather and Climate Hazards, pp. 41 - 43

Friday, February 2	
Topic	Review Quiz Describing Natural Hazard Mitigation, pp. 50 - 53
Objectives	Explain mitigation strategies for natural hazards.
Bell Ringer	Define Mitigation
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Predicting Weather and Climate Hazards, pp. 41 - 43