

Edmore Public School
706 Main St, Edmore, ND 58330

Earth Science Lesson Plan

Dates:

February 5 - 9, 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, February 5

Topic	Natural Hazard Mitigation, pp. 50 - 53
Objectives	Explain mitigation strategies for natural hazards.
Bell Ringer	Define <i>mitigation</i>
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Natural Hazard Mitigation, pp. 50 - 53

Tuesday, February 6

Topic	Completion of Lab Work Patch Making for Earth Day
Objectives	Bring awareness and develop consciousness about the environmental condition of our planet and North Dakota.
Bell Ringer	What can the Earth be described as at present?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity

Assessment	Completion of Lab Work
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Wednesday, February 7	
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Topic	Developing a Hazard Mitigation Plan, pp. 54 - 59
Objectives	Define a design problem that can be solved through the development of a mitigation plan.
Bell Ringer	Differentiate between criteria and constraints.
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Developing a Hazard Mitigation Plan, pp. 54 - 59

Thursday, February 8	
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Topic	Develop and Evaluate a Flood Solution, pp. 58 - 60
Objectives	Use the engineering design process to identify a need, define criteria and constraints, and build and evaluate model solutions.
Bell Ringer	What are two examples of flood mitigation practices?
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Develop and Evaluate a Flood Solution, pp. 58 - 60

Friday, February 9	
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Topic	Natural Resources, pp. 78 - 81
Objectives	Examine how many humans depend on Earth for many different resources.
Bell Ringer	Define <i>natural resources</i>
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Natural Resources, pp. 78 - 81