

Edmore Public School
706 Main St, Edmore, ND 58330

Earth Science Lesson Plan

Dates:

December 4 - 8, 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-ESS2-5

Use data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions.

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, December 4

Topic	Unit Test Minerals and Rocks, pp. 24 and 25
Objectives	Examine how cycling of materials contributes to the formation of rocks and minerals.
Bell Ringer	Define <i>Minerals</i>
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Minerals and Rocks, pp. 24 and 25

Tuesday, December 5

Topic	Relating Igneous Rocks to the Earth Systems, pp. 26 - 29
Objectives	Examine ways in which the cycling of Earth's materials results in crystal, mineral, and rock formation.
Bell Ringer	What are 3 examples of igneous rocks?
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity

Assessment	Relating Igneous Rocks to the Earth Systems, pp. 26 - 29
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Wednesday, December 6	
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Topic	Relating Sedimentary Rocks to Earth Systems, pp. 30 - 33
Objectives	Examine ways in which the cycling of Earth's materials results in the formation of sedimentary rocks.
Bell Ringer	Describe how sedimentary rocks form in two complete sentences .
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Relating Sedimentary Rocks to Earth Systems, pp. 30 - 33

Thursday, December 7	
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Topic	Relating Metamorphic Rocks to Earth Systems, pp. 30 - 33
Objectives	Examine ways in which the cycling of Earth's materials results in the formation of metamorphic rocks.
Bell Ringer	What are two factors that cause the formation of metamorphic rocks?
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Relating Metamorphic Rocks to Earth Systems, pp. 30 - 33

Friday, December 8	
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Topic	Review Quiz Modelling the Rock Cycle, pp. 38 - 40
Objectives	Use a model to illustrate how rocks change from one form to another.
Bell Ringer	How do igneous, sedimentary, and metamorphic rocks form?
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
Assessment	Review Quiz Modelling the Rock Cycle, pp. 38 - 40