

Edmore Public School
706 Main St, Edmore, ND 58330

Life Science Lesson Plan

Dates:

February 5 - 9, 2024

Time and Period:

12:42 - 1:34 PM, Fifth Period

Performance Standard:

MS-LS4-1

Analyze and interpret data for patterns in the fossil record that document the existence, diversity, extinction, and change of life forms throughout the history of life on Earth under the assumption that natural laws operate today as in the past.

MS-LS4-2

Apply scientific ideas to construct an explanation for the anatomical similarities and differences among modern organisms and between modern and fossil organisms to infer evolutionary relationships.

MS-LS4-3

Analyze displays of pictorial data to compare patterns of similarities and differences in the embryological development across multiple species to identify relationships not evident in the fully formed anatomy.

Monday, February 5

Topic	Completion of Lab 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 Patch Making for Earth Day

Tuesday, February 6

Topic	Ages of Fossils, pp. 11 - 16
Objectives	Explore how the age of fossils are determined through relative and absolute dating.
Bell Ringer	Differentiate between absolute and relative dating

Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Hands-on / Laboratory Activity
Assessment	Ages of Fossils, pp. 11 - 16

Wednesday, February 7	
Topic	Analysing Fossil Data, pp. 17 -20
Objectives	Explain how patterns in the fossil record can be used to provide evidence for the history of life on Earth.
Bell Ringer	What are two examples that can serve as fossil records?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Analysing Fossil Data, pp. 17 -20

Thursday, February 8	
Topic	Evidence of the History of Life, pp. 28 - 32
Objectives	Explain how organisms have changed over time.
Bell Ringer	Define <i>Transitional Fossils</i>
Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Hands-on / Laboratory Activity
Assessment	Evidence of the History of Life, pp. 28 - 32

Friday, February 9	
Topic	Patterns in the Number of Life Forms Over Time, pp. 34 - 36
Objectives	Describe how fossils document the existence of life forms throughout the history of life on Earth.
Bell Ringer	What were the primary reasons for the mass extinction found on pp. 35?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Patterns in the Number of Life Forms Over Time, pp. 34 - 39