

Edmore Public School
706 Main St, Edmore, ND 58330

Life Science Lesson Plan

Dates:
 March 4 - 8, 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, March 4

Topic	Model Protein Folding, pp. 80 - 83
Objectives	Model how the sequence of amino acids influences the way proteins are folded.
Bell Ringer	Define <i>Protein</i>
Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Hands-on / Laboratory Activity
Assessment	Model Protein Folding, pp. 80 - 83

Tuesday, March 5

Topic	Explore the Causes of Genetic Change, pp. 84 - 85
Objectives	Examine how genetic information can be changed by mutations.
Bell Ringer	Define <i>Mutation</i>
Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Hands-on / Laboratory Activity

Assessment	Explore the Causes of Genetic Change, pp. 84 - 85
-------------------	---------------------------------------------------

Wednesday, March 6	
---------------------------	--

Topic	Explaining Relationship Between Genetic Change and Adaptation, pp. 87 - 88
Objectives	Describe phenomena related to genetic information and adaptations.
Bell Ringer	Define <i>adaptations</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Explaining Relationship Between Genetic Change and Adaptation, pp. 87 - 88 Review Quiz

Thursday, March 7	
--------------------------	--

SCHOOL PLANNED ACTIVITY	
--------------------------------	--

Friday, March 8	
------------------------	--

Topic	Relating Genetic Variation to Distribution of Traits, pp. 96 and 97 Review Quiz
Objectives	Explore how natural selection causes a distribution of genes in a population.
Bell Ringer	Define <i>Variation</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Unit Test
Assessment	Relating Genetic Variation to Distribution of Traits, pp. 96 and 97 QUIZ