

Edmore Public School
706 Main St, Edmore, ND 58330

Biology Lesson Plan

Dates:
April 1 - 5, 2024

Time and Period:
2:32 - 3:25 PM, Seventh Period

Performance Standard:

HS-LS4-4

Analyze the change in proportion of organisms with and without specific adaptations using Hardy-Weinberg equilibrium or another mathematical tool.

HS-LS4-3

Use mathematical models to support explanations that organisms with an advantageous heritable trait tend to increase in proportion to organisms lacking this trait.

HS-LS4-2

Construct an explanation based on evidence that the process of biological evolution primarily results from four factors: (1) the potential for a species to increase in number, (2) the heritable genetic variation of individuals in a species due to mutation and sexual reproduction, (3) competition for limited resources, and (4) the proliferation of those organisms that are better able to survive and reproduce in the environment.

HS-LS24-1

Apply multiple lines of empirical evidence to support the biological evolution of a specific or an unknown species (i.e., BLAST sequencing, anatomical structure).

HS-LS2-8

Evaluate the evidence for the role of group behavior on individual and species' chances to survive and reproduce.

Monday, April 1

NO SCHOOL

Tuesday, April 2

NO SCHOOL

Wednesday, April 3

Topic	Domains and Kingdoms, pp. 547 - 549
Objectives	List characteristics of organisms found in the domains/kingdoms,
Bell Ringer	Differentiate between <i>Domains and Kingdoms</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Domains and Kingdoms, pp. 547 - 549

Thursday, April 4

Topic	Linnaeus' Classification System, pp. 544 - 546
Objectives	Explain why biologists have systems for naming and grouping organisms.
Bell Ringer	Differentiate between <i>genus and species</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Linnaeus' Classification System, pp. 544 - 546

Friday, April 5

Topic	Review for State Tests Using a Dichotomous Key
Objectives	Use and design a simple dichotomous key to identify organisms.
Bell Ringer	Define <i>Dichotomous Key</i>
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Using a Dichotomous Key

