

Edmore Public School
706 Main St, Edmore, ND 58330

Life Science Lesson Plan

Dates:
 April 8 - 12, 2024

Time and Period:
 12:42 - 1:34 PM, Fifth Period

Performance Standard:

MS-LS4-4

Construct an explanation based on evidence that describes how genetic variations of traits in a population increase some individuals' probability of surviving and reproducing in a specific environment.

MS-LS4-5

Gather and synthesize information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms.

MS-LS4-6

Use mathematical representations to support explanations of how natural selection may lead to increases and decreases of specific traits in populations over time.

Monday, April 8

Topic	Applying Artificial Selection to Solve Problems, pp. 150 - 153
Objectives	Compare two solutions for developing corals that can survive higher water acidity levels
Bell Ringer	Give two examples of biotechnology
Procedure / Instructional Delivery	Interactive Discussion, Hands-on / Laboratory Activity
Assessment	Applying Artificial Selection to Solve Problems, pp. 150 - 153 Review Quiz

Tuesday, April 9

Topic	Examine Patterns of Natural Selection, pp. 105 - 107
Objectives	Examine patterns of natural selection in populations.
Bell Ringer	Differentiate between directional and stabilizing selection.
Procedure / Instructional Delivery	Interactive Discussion, Hands-on / Laboratory Activity

Assessment	Examine Patterns of Natural Selection, pp. 105 - 107 Completion of Laboratory Activity
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Wednesday, April 10	
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Topic	UNIT TEST Explaining Speciation, pp. 116 - 117
Objectives	Examine different causes that can result in speciation.
Bell Ringer	Give an example of speciation in animals.
Procedure / Instructional Delivery	Interactive Discussion, Hands-on / Laboratory Activity
Assessment	Explaining Speciation, pp. 116 - 117

Thursday, April 11	
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Topic	PROJECT: GMO Day 1 Work Period
Objectives	Gather and synthesize information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms.
Bell Ringer	Give an example of GMO.
Procedure / Instructional Delivery	Interactive Discussion, Video, Scaffolding
Assessment	PROJECT: GMO Worksheet

Friday, April 12	
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Topic	PROJECT: GMO Day 2 Work Period
Objectives	Gather and synthesize information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms.
Bell Ringer	What are 3 ethical issues with GMOs?
Procedure / Instructional Delivery	Interactive Discussion, Video, Scaffolding
Assessment	PROJECT: GMO Worksheet