

Edmore Public School
706 Main St, Edmore, ND 58330

Life Science Lesson Plan

Dates:

April 22 - 26, 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 22

Topic	Evaluating Impacts of Genetically Modified Crops, pp. 168 - 169
Objectives	Evaluate how genetically modified products will impact society, individuals, and the environment.
Bell Ringer	What is BT corn and its uses?
Procedure / Instructional Delivery	Interactive Discussion, Video, Scaffolding, Hands-on Activity
Assessment	Evaluating Impacts of Genetically Modified Crops, pp. 168 - 169

Tuesday, April 23

Topic	Potential Diseases for Gene Therapy Treatment, pp. 171 and 172
Objectives	Synthesize information about how gene therapy is used to prevent disease.
Bell Ringer	What is the difference between gene therapy and genetic engineering?

Procedure / Instructional Delivery	Interactive Discussion, Video, Scaffolding, Hands-on Activity
Assessment	Potential Diseases for Gene Therapy Treatment, pp. 171 and 172

Wednesday, April 24	
Topic	Transitional Fossils, pp. 31 and 32
Objectives	Examine evidence of the changes in fin and limb structure that enabled aquatic organisms to move on land.
Bell Ringer	Define <i>transitional fossils</i>
Procedure / Instructional Delivery	Interactive Discussion, Video, Scaffolding, Hands-on Activity
Assessment	Transitional Fossils, pp. 31 and 32

Thursday, April 25	
Topic	Types of Fossil Formation, pp. 6 - 7
Objectives	Discover how fossils document the existence of life forms throughout the history of life,
Bell Ringer	Give three types of fossil and describe each.
Procedure / Instructional Delivery	Interactive Discussion, Hands-on / Laboratory Activity
Assessment	Types of Fossil Formation, pp. 6 - 7

Friday, April 26	
Topic	Index Fossils, pp. 12 and 13
Objectives	Explain how fossils help determine the age of other fossils.
Bell Ringer	How do index fossils help us at present?
Procedure / Instructional Delivery	Interactive Discussion, Hands-on / Laboratory Activity
Assessment	Index Fossils, pp. 12 and 13