

**Edmore Public School**  
**706 Main St, Edmore, ND 58330**

**Life Science Lesson Plan**

**Dates:**  
April 1 - 5, 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 1**

**NO SCHOOL**

**Tuesday, April 2**

**NO SCHOOL**

**Wednesday, April 3**

<b>Topic</b>	Completion: Model the Modification of Bacteria, pp. 163 - 165
<b>Objectives</b>	Synthesize information from text and diagram to develop a model.
<b>Bell Ringer</b>	What is Recombinant DNA?
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Hands-on / Laboratory Activity
<b>Assessment</b>	Model the Modification of Bacteria, pp. 163 - 165

#### Thursday, April 4

<b>Topic</b>	Evaluating Genetic Modification, pp. 166 - 168
<b>Objectives</b>	Synthesize the impacts of genetic modification.
<b>Bell Ringer</b>	Define <i>genetically modified organisms</i>
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Hands-on / Laboratory Activity
<b>Assessment</b>	Evaluating Genetic Modification, pp. 166 - 168

#### Friday, April 5

<b>Topic</b>	Evaluating Gene Therapy, pp. 170 - 172
<b>Objectives</b>	Evaluate how gene therapy is used to prevent diseases.
<b>Bell Ringer</b>	Define <i>Gene Therapy</i>
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Hands-on / Laboratory Activity
<b>Assessment</b>	Evaluating Gene Therapy, pp. 170 - 172