

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

**Life Science Lesson Plan**

<b>Dates:</b> January 22 - 26, 2023	<b>Time and Period:</b> 12:42 - 1:34 PM, Fifth Period
<p><b>Performance Standard:</b>  <b>MS-LS1-6</b>            Construct a scientific explanation based on evidence for the role of photosynthesis in the cycling of matter and flow of energy into and out of organisms.</p> <p><b>MS-LS3-7</b>            Develop a model to describe how food is rearranged through chemical reactions forming new molecules that support growth and/or release energy as it moves through an organism.</p> <p><b>MS-LS2-3</b>            Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem.</p>	

**Monday, January 22**

<b>Topic</b>	Explaining Symbiotic Relationships and Competitive Interactions, pp. 111 - 113
<b>Objectives</b>	Examine relationships between organisms to predict how their interaction will affect them.
<b>Bell Ringer</b>	Define <i>symbiosis</i>
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Video, Illustrations, Hands-on / Laboratory Activity
<b>Assessment</b>	Simulating Feeding Relationships, pp. 106 - 108

**Tuesday, January 23**

<b>Topic</b>	Describing Biodiversity, pp. 132 - 135
<b>Objectives</b>	Explore how an ecosystem can be described by the variety of species in a given area.
<b>Bell Ringer</b>	Define <i>biodiversity</i>
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity

<b>Assessment</b>	Measuring Diversity
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<b>Wednesday, January 24</b>	
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<b>Topic</b>	Evaluating Ecosystem Health, pp. 136 - 138 Review Quiz
<b>Objectives</b>	Describe how disruptions to physical or biological components of an ecosystem can cause changes to ecosystems.
<b>Bell Ringer</b>	Define ecosystem stability
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Video, Illustrations, Hands-on / Laboratory Activity
<b>Assessment</b>	Evaluating Ecosystem Health, pp. 136 - 138

<b>Thursday, January 25</b>	
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<b>Topic</b>	Analyzing Human Influences on Biodiversity, pp. 139 - 141 Quiz
<b>Objectives</b>	Describe ways in which humans affect ecosystems.
<b>Bell Ringer</b>	Cite two examples of human activities that negatively affect ecosystems.
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
<b>Assessment</b>	Analyzing Human Influences on Biodiversity, pp. 139 - 141

<b>Friday, January 26</b>	
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<b>NO SCHOOL</b>	
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