

Edmore Public School
706 Main St, Edmore, ND 58330

Life Science Lesson Plan

Dates: January 15 - 19, 2023	Time and Period: 12:42 - 1:34 PM, Fifth Period
<p>Performance Standard: MS-LS1-6 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>MS-LS3-7 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>MS-LS2-3 Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem.</p>	

Monday, January 15

Topic	Predicting the Effects of Limited Resources, pp. 90 - 91
Objectives	Explain how an increase in one population of organisms can affect another.
Bell Ringer	List down two factors that can limit the growth of a bean plant.
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Effects of Limited Resources, pp. 90 - 92

Tuesday, January 16

Topic	Limited Biotic and Abiotic Resources, pp. 92 and 93
Objectives	Examine how a limitation in abiotic resources can affect an ecosystem.
Bell Ringer	Open page 92 and explain why the availability of light varies in different elevations.
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity

Assessment	Limited Biotic and Abiotic Resources, pp. 92 and 93
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Wednesday, January 17	
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Topic	Predicting the Effects of Abundant Resources, pp. 94 - 96
Objectives	Examine how resource abundance can cause the growth of organisms and the increase of populations.
Bell Ringer	Define exponential growth.
Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Hands-on / Laboratory Activity
Assessment	Predicting the Effects of Abundant Resources, pp. 94 - 96

Thursday, January 18	
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Topic	Analyzing Feeding Relationships, pp. 103 - 105 Review Quiz
Objectives	Explain how interaction of organisms can lead to increases and decreases in populations.
Bell Ringer	Open page 92 and explain why the availability of light varies in different elevations.
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Analyzing Feeding Relationships, pp. 103 - 105

Friday, January 19	
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Topic	Simulating Feeding Relationships, pp. 106 - 108 Quiz
Objectives	Analyze patterns of change in three populations due to seasonal change and unexpected events.
Bell Ringer	Define the following: herbivores, omnivores, insectivores, and carnivores.
Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Hands-on / Laboratory Activity
Assessment	Simulating Feeding Relationships, pp. 106 - 108 Quiz