

Edmore Public School
706 Main St, Edmore, ND 58330

Life Science Lesson Plan

Dates:

November 27 - December 1, 2023

Time and Period:

12:42 - 1:34 PM, Fifth Period

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.

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.

MS-LS2-3

Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem.

Monday, November 27

Topic	Factors that Influence Animal Growth, pp. 186 - 190
Objectives	Model the effect of genetic and environmental factors on the growth of animals.
Bell Ringer	Give two examples of genetic factors that influence the growth of animals.
Procedure / Instructional Delivery	Interactive Discussion, Simulation, Illustrations, Hands - on / Laboratory Activity
Assessment	Factors that Influence Animal Growth, pp. 186 - 190

Tuesday, November 28

Topic	Review Quiz for Unit Test Parenting Behaviors in Animals, pp. 184 and 185
Objectives	Explain how parenting behaviors increase chances of reproductive success.
Bell Ringer	Give (3) three examples of parenting behaviors in animals.
Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Hands - on / Laboratory Activity

Assessment	Review Quiz for Unit Test Parenting Behaviors in Animals, pp. 184 and 185
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Wednesday, November 29	
Topic	Introduction to Matter and Energy in Organisms, pp. 6 and 7
Objectives	Describe how organisms use matter and energy.
Bell Ringer	Define <i>energy</i>
Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Simulations, Hands - on / Laboratory Activity
Assessment	Unit Test Introduction to Matter and Energy in Organisms, pp. 6 and 7

Thursday, November 30	
Topic	Unit Test Energy in Organisms, pp. 9 - 13
Objectives	Explain how organisms get matter and energy for life processes.
Bell Ringer	State the Law of Conservation of Energy.
Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Simulations, Hands - on / Laboratory Activity
Assessment	Energy in Organisms, pp. 9 - 13 Investigating Decomposition, pp. 14

Friday, December 1	
Topic	Relating Cycling of Matter to Transfer of Energy, pp. 17 and 18
Objectives	Use a model organism to explore matter and energy flow in organisms.
Bell Ringer	How does the law of conservation of energy apply to living things?
Procedure / Instructional Delivery	Interactive Discussion, Video, Illustrations, Simulations, Hands - on / Laboratory Activity
Assessment	Relating Cycling of Matter to Transfer of Energy, pp. 17 and 18