Edmore Public School
706 Main St, Edmore, ND 58330

Life Science Lesson Plans for
January 30 – February 1, 2023
2nd hour, 9:35 - 10:27 AM

	Monday (Jan 30)	Tuesday (Jan 31)	Wednesday (Feb 1)	Thursday (Feb 2)	Friday (Feb 3)
Performance Standards	**MS-LS1-6** **MS-LS1-7** **MS-LS2-3**	**MS-LS1-6** **MS-LS1-7** **MS-LS2-3**	**MS-LS1-6** **MS-LS1-7** **MS-LS2-3**	**MS-LS1-6** **MS-LS1-7** **MS-LS2-3**	**MS-LS2-1** **MS-LS2-2**
Topic	Lesson 3: Matter and Energy in Ecosystem *Exploration 1: Analyzing energy flow in ecosystems*	Lesson 2: Photosynthesis and Cellular Respiration *Exploration 2: Describing the Cycling of Matter in Ecosystems*	Lesson 2: Photosynthesis and Cellular Respiration *Exploration 2: Describing the Cycling of Matter in Ecosystems*	Lesson 2: Photosynthesis and Cellular Respiration *Exploration 2: Describing the Cycling of Matter in Ecosystems*	Unit 6: Relationship in Ecosystem Diorama Project
Objectives	• use models to analyze the cycle of matter and energy transfer in ecosystems through food chains and food webs	• develop and use models to explain cycles of matter transfer in ecosystem	• develop and use models to explain cycles of matter transfer in ecosystem	• develop a model to explain how a vermicomposting unit could be constructed	Construct a 3D model to • analyze the interactions among biotic and abiotic elements in an ecosystem • use the levels of organization in ecosystems as a comparative examples and organize levels of organization in individuals from smallest to largest
Bellringer	(3 min) energy pyramid	(3 min) Nitrogen Cycle	(3 min) omnivore	(3 min) vermicompost	(3 min) vocab quiz
Procedure/ Instructional Delivery	○ Simulation Lab	○ Day project on selected matter cycle	○ Project presentation ○ Lesson review ▪ Take it further ▪ CER: reasoning ▪ Checkpoints ▪ Interactive review	○ Lesson 2 Quiz ○ Unit performance task	○ Project introduction ○ Project phase: ▪ Plan and design
Assessment	Lab worksheet	Project rubric	Project rubric	Rubric	Project Rubric
Remarks			Early out		

Prepared by:

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Science Teacher