Edmore Public School
706 Main St, Edmore, ND 58330

Biology Lesson Plan	
Dates: January 22 - 26, 2023	**Time and Period:** 2:32 - 3:25 PM, Seventh Period

Performance Standard:

HS-LS2-1
Use mathematical and/or computational models to support explanations of factors that affect carrying capacity of ecosystems at different scales.

HS-LS2-2
Use evidence from mathematical representations to explain factors that affect population dynamics and biodiversity.

HS-LS2-3
Construct and revise an explanation based on evidence for the cycling of matter and flow of energy in aerobic and anaerobic conditions.

HS-LS2-4
Use mathematical representations to support claims for the cycling of matter and flow of energy among organisms in an ecosystem.

HS-LS2-6
Evaluate the claims, evidence, and reasoning that the complex interactions in ecosystems maintain relatively consistent numbers and types of organisms in stable conditions but changing conditions may result in a new ecosystem.

Monday, January 22	
Topic	Quiz Habitat and Niche, pp. 420 and 421
Objectives	Compare niche and habitat in a given ecosystem.
Bell Ringer	Define ecological niche and describe a lion's ecological niche.
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Quiz Habitat and Niche, pp. 420 and 421

Tuesday, January 23	
Topic	Community Interactions, pp. 423 - 427
Objectives	Explain how organisms relate to one another via feeding relationships.
Bell Ringer	Define Symbiosis
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Community Interactions, pp. 423 - 427

Wednesday, January 24	
Topic	Population Density and Distribution, pp. 428 - 430
Objectives	Explain the importance of studying populations
Bell Ringer	Define ***population density***
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Analysis and Presentation Task
Assessment	Population Density and Distribution, pp. 428 - 430

Thursday, January 25	
Topic	Survivorship Curves, pp. 430 - 431
Objectives	Explain how science and technology have affected human population growth.
Bell Ringer	Define ***survivorship curves***
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Analysis and Presentation Task
Assessment	Survivorship Curves, pp. 430 - 431

Friday, January 26
NO SCHOOL