Edmore Public School
706 Main St, Edmore, ND 58330

Biology Lesson Plan	
Dates: December 11 - 15, 2023	**Time and Period:** 2:32 - 3:25 PM, Seventh Period

Performance Standard:

HS-LS1-1
Construct an explanation based on evidence for how the structure of DNA determines the structure of proteins which carry out the essential functions of life through systems of specialized cells.

HS-LS1-6
Construct and revise an explanation based on evidence for how carbon, hydrogen, and oxygen may combine with other elements to form large carbon-based molecules.

HS-LS1-7
Use a model to illustrate that cellular respiration is a chemical process whereby the bonds of food molecules and oxygen molecules are broken and the bonds in new compounds are formed resulting in a net transfer of energy.

Monday, December 11	
Topic	Carbohydrates, pp. 46
Objectives	Identify and describe the building blocks of carbohydrates.
Bell Ringer	What are the monomers of carbohydrates?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Laboratory Activity Worksheet

Tuesday, December 12	
Topic	Proteins, pp. 49
Objectives	Identify and describe the building blocks of proteins.
Bell Ringer	What are the monomers of proteins?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity

Assessment	Laboratory Activity Worksheet

Wednesday, December 13	
Topic	Lipids, pp. 48
Objectives	Recognize the structures of common fatty acids.
Bell Ringer	What are lipids for in your body?
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Worksheet

Thursday, December 14	
Topic	Nucleic Acids Review Quiz
Objectives	Describe the structure of nucleotides and nucleic acids.
Bell Ringer	Define ***Nucleic Aids***
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Review Quiz

Friday, December 15	
Topic	Diffusion and Osmosis
Objectives	Predict the movement of water (or other substances) across semi-permeable membranes.
Bell Ringer	Define ***Osmosis***
Procedure / Instructional Delivery	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity
Assessment	Laboratory Worksheet