

Edmore Public School
706 Main St, Edmore, ND 58330

Biology Lesson Plan

Dates:

September 25 - 29, 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 specialised cells.

HS-LS1-2

Develop and use a model to illustrate the hierarchical organization of interacting systems that provide specific functions within multicellular organisms.

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.

Monday, September 25

Topic	Fermentation, pp. 120 - 124
Objectives	Describe the role of fermentation in the second stage of cellular respiration
Bell Ringer	Define <i>fermentation</i> .
Procedure / Instructional Delivery	Discussion, Simulation, Models, Pair-Work, Laboratory Activity
Assessment	Virtual Laboratory - Fermentation (PreLab) Review Quiz: ETC

Tuesday, September 26

Topic	Review: Photosynthesis and Fermentation Laboratory Activity
Objectives	Describe the processes of photosynthesis and where they take place.
Bell Ringer	Define <i>photosynthesis</i> .

Procedure / Instructional Delivery	Discussion, Simulation, Models, Pair-Work
Assessment	Review Quiz Section Review, pp. 125 Fermentation Laboratory Activity, pp. 122

Wednesday, September 28	
Topic	Review: Cellular Respiration
Objectives	Discuss the processes of cellular respiration and where they take place.
Bell Ringer	Define glucose and ATP .
Procedure / Instructional Delivery	Discussion, Simulation, Models
Assessment	Vocabulary Skills Worksheet

Thursday, September 28	
Høstfest Field Trip	

Friday, September 29	
No School	