Edmore Public School
706 Main St, Edmore, ND 58330

Biology Lesson Plan	
Dates: September 5 - 8, 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-LS1-3** Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis.	

Tuesday, September 5	
Topic	Applications of Cell Biology, pp. 73-79
Objectives	Describe the form and functions of the organelles in an animal cell.
Bell Ringer	How are the mitochondrion and chloroplast alike?
Procedure / Instructional Delivery	Discussion and Practice Quiz
Assessment	Completion of Cell Parts and Function Vocabulary Reviewing Vocabulary nos. 1-11, pp. 93

Wednesday, September 6	
Topic	Structure of a Cell Membrane, pp. 81-83
Objectives	Describe the structure and function of a cell membrane.
Bell Ringer	Define and draw a phospholipid.
Procedure / Instructional Delivery	Discussion, Modelling the Cell Membrane Activity

Assessment	Modelling the Cell Membrane Worksheet, pp. 83

Thursday, September 7	
Topic	Quiz no.1 and Introduction to Passive Transport, pp. 85
Objectives	Describe how the cell's surroundings influence the direction and type of cell transport.
Bell Ringer	What is the difference between passive and active transport?
Procedure / Instructional Delivery	Quiz and Short Discussion
Assessment	QUIZ no. 1 Cell Theory and Cell Parts and Functions Diffusion Worksheet

Friday, September 8	
Topic	Types of Passive Transport, Diffusion pp. 85-86
Objectives	Explain diffusion in gases and liquids using the particle model.
Bell Ringer	Define ***concentration gradient***.
Procedure / Instructional Delivery	Discussion, Concord Consortium Simulation
Assessment	Diffusion Worksheet Reviewing Main Ideas Worksheet, pp. 87