Edmore Public School
706 Main St, Edmore, ND 58330

Biology Lesson Plan	
Dates: August 28 - September 1, 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.	

Monday, August 28	
Topic	Cell Theory
Objectives	Describe how cell theory is an explanation for life.
Bell Ringer	What are the three principles of cell theory?
Procedure / Instructional Delivery	Discussion and Hands-on Activity
Assessment	Exit Ticket

Tuesday, August 29	
Topic	Eukaryotic vs. Prokaryotic Cells
Objectives	Differentiate between prokaryotes and eukaryotes.
Bell Ringer	What is the difference between nucleolus and nucleoid?
Procedure / Instructional Delivery	Discussion, Hands-on Activity: Comparison of Eukaryotic and Prokaryotic Cells Activity
Assessment	Exit Ticket

Wednesday, August 30	
Topic	Animal vs. Plant Cell
Objectives	Differentiate an animal cell from a plant cell.
Bell Ringer	What three parts do plant cells have that animal cells do not?
Procedure / Instructional Delivery	Discussion, Hands-on Activity: Comparison of Animal and Plant Cell
Assessment	Exit Ticket

Thursday, August 31	
Topic	Cell Organelles
Objectives	Identify the different organelles of a cell and describe the function of each.
Bell Ringer	Define *organelle*.
Procedure / Instructional Delivery	Hands-on Activity: Continuation of Creation of Cell Models
Assessment	Exit Ticket

Friday, September 1	
Topic	Applications of Cell Biology
Objectives	What are two similarities that the mitochondria and chloroplasts share?
Bell Ringer	What organelle is found in both eukaryotic and prokaryotic cells?
Procedure / Instructional Delivery	Presentation of Eukaryotic and Prokaryotic Cell Models
Assessment	Rubrics for Cell Models

Prepared by: Ms. Genesis Ang