

Edmore Public School
706 Main St, Edmore, ND 58330

Life Science Lesson Plan

Dates:

August 28 - September 1, 2023

Time and Period:

12:42 - 1:34 PM, Fifth Period

Performance Standard:

MS-LS1-1

Conduct an investigation to provide evidence that living things are unicellular or multicellular and may have different cell types.

MS-LS1-1

Develop and use a model to describe the function of a cell as a whole and ways cell parts (organelles) contribute to the cell functions.

Monday, August 28

Topic	Characteristics of Cells <i>(pp. 4-9 of Module B)</i>
Objectives	Distinguish between living and nonliving objects and between unicellular and multicellular at a magnified scale.
Bell Ringer	Differentiate living and nonliving things.
Procedure / Instructional Delivery	Discussion, pp. 4-7 Guided Activity: Analyzing Magnified Objects pp. 8
Assessment	Worksheet no.7, pp. 8-9

Tuesday, August 29

Topic	Investigating the Scale of Cells <i>(pp. 10-12 of Module B)</i>
Objectives	Compare and contrast living and nonliving things at different scales using a microscope.
Bell Ringer	What are the different magnifications of objective lenses of a compound microscope?
Procedure / Instructional Delivery	<ul style="list-style-type: none"> • Discussion • Activity: Scale, Proportion and Quantity • Laboratory Activity: Observe cells with a microscope, pp.11
Assessment	Lab Worksheet pp. 11 and 12

	Quiz: Checkpoints pp. 16 and 17
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Wednesday, August 30	
Topic	Cell Structure and Functions (pp. 18 and 19 of Module B)
Objectives	Compare the functions of different parts of the cell as to how a sports stadium operates.
Bell Ringer	Define <i>organelle</i> .
Procedure / Instructional Delivery	<ul style="list-style-type: none"> • Discussion • Draw-Pair-Share: Cell Analogy / Key-Term Foldable
Assessment	Exit Ticket

Thursday, August 31	
Topic	Comparing Cell Structures Part A. (pp. 20 and 22 of Module B)
Objectives	Differentiate between prokaryotes and eukaryotes.
Bell Ringer	What are two examples of a unicellular organism that is prokaryote?
Procedure / Instructional Delivery	<ul style="list-style-type: none"> • Discussion, Hands-on Activity: Comparison of Eukaryotic and Prokaryotic Cells Activity
Assessment	Exit Ticket

Friday, September 1	
Topic	Comparing Cell Structures Part B. (pp. 21 - 25 of Module B)
Objectives	Differentiate an animal cell from a plant cell.
Bell Ringer	What is the difference between a cell wall and a cell membrane?
Procedure / Instructional Delivery	Discussion, Review, and Application of Cell Biology
Assessment	Quiz no. 5 - 7, pp. 23 and 24