



Edmore Public School
706 Main St, Edmore, ND 58330

**Life Science Lesson Plans for
October 10-14, 2022
2nd hour, 9:35 - 10:27 AM**

	Monday (Oct 10)	Tuesday (Oct 11)	Wednesday (Oct 12)	Thursday (Oct 13)	Friday (Oct 14)
Performance Standards	MS-LS1-2 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.	MS-LS1-2 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.	MS-LS1-2 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.	MS-LS1-2 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.	MS-LS1-2 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.
Topic	Lesson 2: Cell Structure and Functions Cell model project	Lesson 2: Cell Structure and Functions Exploration 1: Comparing Cell Structures	Lesson 2: Cell Structure and Functions Exploration 2: Using Cell Models	Lesson 2: Cell Structure and Functions Exploration 3: Explaining Limits to Cell size	Lesson 2: Cell Structure and Functions Take it Further
Objectives	<ul style="list-style-type: none"> • use models to analyze the structure and function of cells and their organelles, specifically the function of the cell membrane 	<ul style="list-style-type: none"> • use models to analyze the structure and function of cells and their organelles, specifically the function of the cell membrane 	<ul style="list-style-type: none"> • use models to analyze the structure and function of cells and their organelles, specifically the function of the cell membrane • use the cell model to investigate the size of the cell 	<ul style="list-style-type: none"> • use models to analyze the structure and function of cells and their organelles, specifically the function of the cell membrane • use the cell model to investigate the size of the cell 	<ul style="list-style-type: none"> • Examine slides of plant cells and animal cells to identify similarities and differences between two types of cells
Bellringer	(3 min) prokaryotic cell	(3 min) eukaryotic cell	(3 min) Golgi apparatus	(3 min) vacuole	(3 min) vocab quiz
Procedure/ Instructional Delivery	<ul style="list-style-type: none"> ○ Building the cell model ○ Project Presentation 	<ul style="list-style-type: none"> ○ Engage: Cell organelles game ○ Independent practice: identifying cell parts ○ Review games (kahoot, quizlet) 	<ul style="list-style-type: none"> ○ Exploration introduction: Analogy between stadium and cell ○ Lab: use cell models to investigate cell size ○ Post lab discussion ○ Close: evaluate cell models 	<ul style="list-style-type: none"> ○ Independent practice: evaluate cell models (p. 28) ○ Direct instruction: explaining limits to cell size ○ CER: evidence ○ Independent practice: relate structure of cell membrane to cell size 	<ul style="list-style-type: none"> ○ Prelab discussion: objectives, lab safety, lab procedure ○ Lab proper: comparing cells ○ Post lab procedure: clean up, handwashing, completing the paper

Assessment	Project Rubric	worksheet	Lab rubric	worksheet	Lab rubric
Remarks					

Prepared by:

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