

**Standards:**

SB1c. Construct arguments supported by evidence to relate the structure of macromolecules (carbohydrates, proteins, lipids, and nucleic acids) to their interactions in carrying out cellular processes.

SB1. Obtain, evaluate, and communicate information to analyze the nature of the relationships between structures and functions in living cells.

a. **Construct an explanation** of how cell structures and organelles (including nucleus, cytoplasm, cell membrane, cell wall, chloroplasts, lysosome, Golgi, endoplasmic reticulum, vacuoles, ribosomes, and mitochondria (interact as a system to maintain homeostasis

	Pre-Teaching Learning Target Success Criteria	Activation of Learning	Focused/Guided Instruction	Collaborative/ Independent Learning	Closing
Monday 10/27/2025	I can explain what enzymes are, describe their structure and function, and evaluate their importance in sustaining life processes within living systems. I can- - describe what enzymes are, their structure, and how they function in living systems. - explain how factors like temperature and pH affect enzyme activity. - conclude why enzymes are essential for life processes and maintaining homeostasis.	Monday M.A.P. Motivation by Bell ringer	Aim: Know about enzymes ENZYMES.pptx	Perform: Read & Respond Enzymes Read & Respond.docx	Exit – Submit the response sheet
Tuesday 10/28/2025		Tuesday To Do's Open ended question on Nearpod.	Getting to know about enzymes in Nearpod https://np1.nearpod.com/sharePresentation.php?code=1d77ab4d674d2b1c211227bc3ae8d5ae-1&oc=lesson-library&utm_source=link	Climb Up! - the Nearpod Quiz	Exit Ticket in Nearpod
Wednesday 10/29/2025		Wednesday WIS-WIM Recap on Proteins and enzymes	McGraw Hill Actively Learn Reading activity How do Enzymes Impact the Rate of Reactions? - Actively Learn	Kahoot! On Proteins & Enzymes	
Thursday 10/30/2025	I can understand the history of discovery of cells, importance of cell biology and cell theory. I can (in doodle art) - - describe how cells were discovered and name key scientists. - explain why studying cells is important to understanding life. state and explain the three main parts of the cell theory.	Thursday Doodle Theory Open ended question in Nearpod	Presentation in Nearpod https://app.nearpod.com/?pin=lu3d9	Cell theory doodle notes Cell Theory Doodle Note.pdf	
Friday 10/31/2025		Friday FUN Recap on Biomolecules and Introduction to cell biology		Pen Paper test on Biomolecules and Introduction to cell biology	