

Academy of Richmond County

Teacher: Mrs. Appajodu Subject: Science Course: Biology Date(s): Nov. 3rd to Nov 7th



Standards:

SB1a. 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
11/03	I can identify and describe the cell types and functions of various cell structures and organelles, including the nucleus, cytoplasm, cell membrane, and cell wall. I can complete a diagram labeling activity where I will identify and describe the functions of the key organelles in a plant and animal cell.	Monday M.A.P.			
Tuesday 11/04/25		Tuesday T.A.L.K. Think- Begin with a brief discussion on what students already know about cells.	'Aim: Understand the cell theory' Presentation on history of cell biology, focusing on cell theory. CELL STRUCTURE & FUNCTION PPT.pptx Guided notes on the cell biology	Learn: Doodle the cell theory Cell Theory Doodle Note.pdf	Know: Who proposed the cell theory?
Wednesday 11/05/25		Wednesday WIS-WIM What I see under a microscope?	Guided instruction to observation of various permanent slides under a compound microscope.	Record your observations , draw pictures of the specimens observed and discuss on 'what it means?' (WIM) MicroscopeDrawings handout-1.docx	TOTD TOTD.docx
Thursday 11/06/25		Thursday TEST Recap on biomolecules and introduction to cells.	Guided practice on types of biomolecules, cell theory and cell types.	Common Test on progress learning	
Friday 11/07/25		Friday FUN Finish- labelling of cell organelles in the given picture. Plant and Anima... Free Interactive Worksheets 579332	Understand- structures and functions of various cell organelles. Cell Organelles PPT.pptx	Worksheet on location and functions of cell organelles. CellsOrganellesWkst.pdf	Exit Ticket- List any 3 membrane bound cell organelles. Exit ticket.docx

MINOR Assessment

MAJOR Assessment