

Academy of Richmond County

Teacher: Mrs. Appajodu Subject: Science Course: Biology Date(s): Dec 8th to Dec 12th



Standards:					
SB1d. Plan and carry out investigations to determine the role of cellular transport (e.g., active, passive, and osmosis) in maintaining homeostasis. SB1b. Develop and use models to explain the role of cellular reproduction (including binary fission, mitosis, and meiosis) in maintaining genetic continuity.					
	Pre-Teaching	Activation of Learning	Focused/Guided Instruction	Collaborative/ Independent Learning	Closing
	🎯 Learning Target ✅ Success Criteria				
Monday 12/08/25	🎯 I can explain the role of cellular reproduction in maintaining genetic continuity.	Recap on Mitosis from last week	Presentation on Asexual reproduction – Binary fission in Nearpod	Open ended questions in Nearpod	Turn and Talk- what is the difference between sexual & asexual reproduction
Tuesday 12/09/25	✅ I can explain 'How do organisms obtain and use the matter and energy they need to grow and reproduce?'	Bell ringer question – Why do unicellular organisms can undergo only asexual reproduction?	Presentation on Mitosis vs. Meiosis	Worksheet on Reproduction CER	Peer feedback on CER
Wednesday 12/10/25	🎯 I can explain the concepts that were learnt during Sem1 and summarize my learning ✅ I can work on the study guide and perform quiz on revised concepts.	List out the topics we have learnt for Sem 1	Recap on topics learnt in Unit 2- Classification, endosymbiosis theory, Cladograms	Students will work on the study guide	Exit Ticket
Thursday 12/11/25		Quiz on previous session	Recap on Virus, Bacteria, Characteristics of life, mutations, antibiotic resistance	Students will work on the study guide	Review on Quiz
Friday 12/12/25		Quiz on previous session	Recap on Speciation, genetic drift, evolution, fossils and evidence of evolution	Students will work on the study guide	Summarize our revision for semester