



Academy of Richmond County

Teacher: Mrs. Appajodu Subject: Science Course: Biology Date(s): Oct. 6th to Oct 8th



Standards:

- SB4: Obtain, evaluate, and communicate information to illustrate the organization of interacting systems within single-celled and multi-celled organisms.

	Pre-Teaching 🎯 Learning Target ✅ Success Criteria	Activation of Learning (5 min)	Focused Instruction (10 min) *I DO	Guided Instruction (10 min) *WE DO	Collaborative/ Independent Learning (20 min) *YOU ALL DO	Closing (5 min)
Monday 10/06/2025	<p>🎯 I can construct and interpret cladograms to demonstrate the evolutionary relationships among various organisms.</p> <p>✅ I can complete a worksheet where they will construct a cladogram based on given characteristics of different organisms and explain their reasoning for the relationships depicted.</p>	Recap on Evolution & Phylogenetic trees done in Unit 1.	<p> CLADOGRAMS.pptx</p> <ul style="list-style-type: none"> Explain the components of a cladogram: nodes, branches, and taxa. Discuss how traits are used to determine relationships. Introduce the concept of homologous and analogous traits with examples. Work through an example cladogram as a class. 		<p>INDEPENDENT PRACTICE:</p> <ul style="list-style-type: none"> Assign students to create their own cladograms using a set of organisms and traits provided on dry erase board. Expect students to include at least three nodes and explain the significance of each relationship in writing. 	<p>3-2-1 3 interesting facts about the topic 2 things you have learnt in this unit 1 question you still have</p>
Tuesday 10/07/2025	<p>🎯 Students will be able to explain the principles of biological classification and apply these principles to categorize various organisms.</p>	"Why is it important to classify living organisms?"	<ul style="list-style-type: none"> Create a classification poster. The poster must include: <ul style="list-style-type: none"> The full scientific name The classification hierarchy Visuals and descriptions of key characteristics Set expectations for creativity and accuracy and provide a rubric for assessment. <p> SEMINAR ON THE 6 KINGDOM CLASSIFICATION</p>			Summarize key takeaways from the seminar and clarify any lingering questions.
Wednesday 10/08/2025	<p>✅ Students will engage in a seminar discussion and present their findings on a specific organism's classification, including its domain, kingdom, phylum, class, order, family, genus, and species.</p>	Review on previous Seminars				WIS-WIM on Unit 2