

Academy of Richmond County

Teacher: Mrs. Appajodu Subject: Science Course: Biology Date(s): September 29th to Oct 3rd



Standards:

- **SB4: Obtain, evaluate, and communicate information to illustrate the organization of interacting systems within single-celled and multi-celled organisms.**
- **SB4: Analyze the characteristics of organisms and the interdependence of organisms within ecosystems.**
- **SB4: Evaluate the impact of human activities on biodiversity and the sustainability of ecosystems.**

	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 09/29/2025	I will be able to classify organisms into the six kingdoms of life: Archaea, Eubacteria, Fungi, Plantae, and Animalia, and describe the characteristics that define each kingdom. I will complete a classification chart where they match organisms to their respective kingdoms and provide key characteristics of each kingdom.	DO NOW! On Nearpod	<ul style="list-style-type: none"> • Intro to 'The Six Kingdom Classification'. • Discuss on characteristics of prokaryotes & eukaryotes. 		Poll & Draw it on Nearpod	Quiz on Nearpod
Tuesday 09/30/2025		Recap on previous class- Prokaryotes vs Eukaryotes	Understanding Endosymbiosis https://youtu.be/FGnS-Xk0ZqU?si=wnlUJiaWhlSgZgzE Evidence for Endosymbiosis Implications of Endosymbiosis		Constructing Arguments <ul style="list-style-type: none"> • Identify the key differences between prokaryotes and eukaryotes. • Explain how the structures of these organisms relate to their functions. • Use specific examples to illustrate your claims. 	Time to Climb- Nearpod
Wednesday 10/01/2025		Recap on previous class	<ul style="list-style-type: none"> • Discuss the characteristics of each kingdom. THE 6 KINGDOMS OF LIFE.pptx		Who Am I? DOMAINS & KINGDOMS.pdf	Classification chart CLASSIFICATION CHART.pdf

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Thursday 10/02/2025	I will be able to compare the characteristics of the kingdoms Plantae and Animalia, including their structures, functions, and ecological roles.	Probing Question- "How do you think plants and animals depend on one another in nature?"	PowerPoint highlighting key characteristics of both kingdoms- Plantae & Animalia, using images and diagrams for visual support. PLANTAE & ANIMALIA.pptx		Think-pair-share activity Tabulate the characteristics of both the kingdoms.	TOTD- What is the difference between structural organization of plants and animals?
Friday 10/03/2025	I will create a Venn diagram that illustrates the similarities and differences between Plantae and Animalia, demonstrating my understanding of the key characteristics of each kingdom.	Recap of previous session on Plantae & Animalia	Characteristic features of Plantae and Animalia through examples.		Activity on definitions of key vocab in both the kingdoms and features of Plantae and Animalia. DOMAINS & KINGDOMS ACTIVITY	Create a Venn diagram that illustrates the similarities and differences between Plantae and Animalia