

ARC Week at Glance: IB Biology Year 2 (Ms. West)

Topic: Unit 4: Evolution and Speciation Course: IB Biology Year 2 Grade: 12 Dates: Oct 27 - 31

Note: For lesson resources, handouts, etc., please see our Canvas Course.

This week's Homework Focus: Kognity Topics A2.2 & IA data collection

	Learning Target (I am learning about...)	Criteria for Success (I can...)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			<i>(Include at least one/two formatives*in any part of the lesson as needed)</i>		
Monday	I am learning about coral reef formation and health.	I can - Describe the structure of coral polyps - Explain what a healthy reef looks like - Explain the symbiotic relationships in the reef	Math Monday Do Now	Sub Plan: Coral Reef Inthinking Packets	
Tuesday	I am learning about abiotic variables and range of tolerance	I can Collect transect data to determine how abiotic variables affect range of tolerance	Test Prep Tuesday – CER Practice Question (writing claim, evidence, & reasoning)	Transect Data Lab – outside Kognity data collection shade line data if weather permits OR sunflower paper transect data lab if weather prevents	Lab Conclusion Writing

Wednesday	I am reviewing biomes	I can - Explain how abiotic factors act as determinants of terrestrial biome distribution - Recognize ecosystems within biomes as examples of convergent evolution	WIS WIM Do Now – Summarizing Sentences and Question Writing	Biomes Jig Saw Activity Day 1 – Ecosystem exploration using Biome Viewer Tool	Wed Midweek Quiz: Compartmentalization and Coral Reefs
Thursday	I am reviewing adaptations in biomes	I can Name 5 animals and 3 plants in my biome and describe the adaptations that allow them to thrive in that ecosystem	Throwback Thursday Do Now – MCQ & Justification Writing	Biomes Jig Saw Activity Day 2 – Researching plants and animals	Biomes Summary Graphic Organizers
Friday	I am learning about STEM Careers	I can Explain 3 Careers in the STEM Field and the steps needed to enter into those careers	FRQ Friday Do Now – FRQ answer construction and self-assessment	STEM Careers Virtual Field Trip – Video & Graphic Organizer Postponed from last Friday due to PSAT schedule impacts	IA Data Check ins – data table constructions

Literacy Tasks

Minor Assessment

Major Assessment