

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

Topic: Unit 4: Evolution & Speciation

Course: IB Biology Year 2

Grade: 12

Dates: Oct 20 - 24

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

This week's Homework Focus:

Evolution & Speciation - A4.1 Kognity Topics (Rev: B2.2 Organelles & Compartmentalization, B4.1 Adaptation to Environment, D4.1 Natural Selection) & 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 compartmentalization in cells.	I can Explain the structures and functions of chloroplasts and mitochondria in the context of compartmentalization and cell efficiency	Math Monday Do Now	Mitochondrion and Chloroplasts, Nuclear Compartmentalization Inthinking Tasks	Mitochondria vs Chloroplasts Structure/Function TOTD
Tuesday	I am learning about compartmentalization in cells.	I can Explain the structures of the nucleus in the context of compartmentalization and cell efficiency	Test Prep Tuesday – CER Practice Question (writing claim, evidence, & reasoning)	Protein Packaging Adaptations in cells – ER, Golgi, Vesicles Compartmentalization	Unit 3 Test Corrections/Reflections small group as needed to prepare for reassessment
Wednesday	I am learning about compartmentalization in cells.	I can Explain the structure and function of the cell organelles involved in protein packaging (ER, Golgi, Vesicles)	WIS WIM Do Now – Summarizing Sentences and Question Writing	PSAT Test Schedule 7 th Period – complete compartmentalization Inthinking Tasks for nucleus	IA Conferencing throughout class period

Thursday	I am reviewing adaptations.	I can - Define adaptation - Define habitat - Explain adaptations of organisms to their environments to include sand dunes and mangrove swamps	Throwback Thursday Do Now – MCQ & Justification Writing	Abiotic Factors and Ecosystems Research and Mini Presentations – Kognity Task	Compartmentalization Assessment Check
Friday	I am exploring STEM careers	I can Explain 3 Careers in the STEM Field and the steps needed to enter into those careers	FRQ Friday Do Now – Free Response Answer Construction & Self-Assessment	STEM Careers Virtual Field Trip – Video & Graphic Organizer	IA Next Steps Assessment Check

Literacy Tasks

Minor Assessment

Major Assessment