ARC Week at Glance: AP/IB Biology (Ms. West)

Topic: Unit 3: Energetics Course: AP/IB Biology Grade: 10, 11, 12 Dates: Dec 9 - 13

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

This week's Homework Focus: 4.4, 4.5 AP Classroom Videos

	Learning Target (I am learning about)	Criteria for Success (I can)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment	
	anout		(Include at least one/two formatives*in any part of the lesson as needed)			
Monday	I am learning cell signaling pathways.	I can Explain cell signaling pathways Outline G-protein receptors, tyrosine kinase receptors, and gated ion channels and their roles in signaling pathways Investigate the particulars of a disease caused by faulty cell-cell signaling	Math Monday Do Now – AP Formulas Practice Question Intro to Cell Signaling Mini Lecture: Ligand, Receptor, Transmission	Cell Signaling Disease Project Work Period Focus on Answering Background Questions & constructing opening slides	Unit 1 Semester Exam Practice Set – Quizziz, Kahoot, Blooket – Exam Prep & Review/Self- Assessment Unit 3A Writing Task Assessment Check – Small Group	

	I am learning cell	I can	Test Prep Tuesday	Cell Signaling Disease	Unit 2 Semester Exam
	signaling pathways	 Explain cell 	Do Now – CER	Project Work Period	Practice Set – Quizziz,
		signaling pathways	practice question		Kahoot, Blooket – Exam
		 Outline Gprotein 	(Claim, Evidence,	Focus on Disease Specific	Prep & Review/Self-
Tuesday		receptors, tyrosine	Reasoning Writing)	Pathways & constructing	Assessment
		kinase receptors,		Slides	
		and gated ion channels and their			
		roles in signaling		Graphing Small Group	
		pathways		Instruction – Independent,	
		Investigate the		Dependent Variables Mini	
		particulars of a		Lesson based on Unit 3	
		disease caused by		Test Performance	
		faulty cell-cell			
	T 1 ' 11	signaling	ина ина в	C 11 C: 1: D:	T. : 2 G
>.	I am learning cell	I can	WIS WIM Do Now –	Cell Signaling Disease	Unit 3 Semester Exam
	signaling pathways	• Explain cell	Summarizing Sentences &	Project Work Period	Practice Set – Quizziz, Kahoot, Blooket – Exam
		signaling pathwaysOutline Gprotein	Question Writing	Focus on Concluding	Prep & Review/Self-
		receptors, tyrosine	Question Witting	Slides	Assessment
		kinase receptors,			
sda		and gated ion			
Wednesday		channels and their			
Ved		roles in signaling			
5		pathways			
		• Investigate the			
		particulars of a			
		disease caused by faulty cell-cell			
		signaling			

	I am learning cell	•	I can	Throwback Thursday	Table Talks – Disease	Cell Signaling Disease
	signaling pathways	•	Explain cell	Do Now – MCQ &	Signaling Projects	Major Assessment Check
Thursday			signaling pathways	Justification writing	Presentations	
		•	Outline Gprotein			
			receptors, tyrosine			
			kinase receptors,			
			and gated ion			
			channels and their			
			roles in signaling			
			pathways			
		•	Investigate the			
			particulars of a			
			disease caused by			
			faulty cell-cell			
	I am learning about	Loon	signaling	EDO Emidos Do Noss	Dlant Cianalina Dagil	Caianga Duagtiaga Camastan
Friday	I am learning about cell signaling	I can	Evaloin hovy plants	FRQ Friday Do Now - FRQ answer	Plant Signaling Pogil Activity – Table	Science Practices Semester Exam Practice Set –
	pathways.	•	Explain how plants use cell signaling	construction and self-	Discussions around Models	Quizziz, Kahoot, Blooket –
	patiiways.		pathways to	assessment	of Plant Cell-Cell	Exam Prep & Review/Self-
			communicate		Communication	Assessment
		•	Describe examples			
			of plant cell			
			signaling			

Literacy Tasks

Minor Assessment

Major Assessment