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

Topic: Interaction and Dependence: Cells – Chemical Signaling Course: IB Biology Year 2

Grade: 12 Dates: Jan 13 - 17

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

	Learning Target (I am learning about)	Criteria for Success (I can)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			(Include at least one/two formatives*in any part of the lesson as needed)		
	I am learning about	I can	Math Monday Do	When students are not in	IA Feedback Conferencing
	IA revisions.	• Use my IA feedback	Now	individual conferences	- IA Feedback Meetings &
		to revise my IA		they will be working	Next Steps Assessment
		investigation		collaboratively on:	Check
Monday	I am learning about chemical signaling	• Complete my IA document for final grading		C2 PreTest on Kognity	
		 Explain the relationship between ligands & receptors Identify the steps of signal transduction pathways Explain how bacterial quorum sensing is an example of chemical signaling in cells 		Chemical Signaling mini review – ligands, receptors, transduction Bacterial Quorum Sensing Examples	

	I am learning about	I can	Test Prep Tuesday –	When students are not in	IA Feedback Conferencing
	I am learning about IA revisions.	• Use my IA feedback	CER Practice	individual conferences	- IA Feedback Meetings &
	IA IEVISIOIIS.	• Use my IA feedback to revise my IA	Question (writing	they will be working	Next Steps Assessment
		investigation	claim, evidence, &	collaboratively on:	Check
	I am learning about	e	reasoning)	conaborativery on.	CHEEK
	chemical signaling	Complete my IA document for final	reasoning)	C2 PreTest on Kognity	
	chemical signating			C2 The rest on Rognity	
		grading		Chemical Signaling mini	
lay		• Explain the		review – ligands,	
esc		relationship between		receptors, transduction	
Tuesday		ligands & receptors		receptors, transacterion	
		• Identify the steps of		Bacterial Quorum Sensing	
		signal transduction		Examples	
		pathways		Examples	
		Explain how			
		bacterial quorum			
		sensing is an example of chemical			
		signaling in cells			
	I am learning about	I can	WIS WIM Do Now	When students are not in	Neural Signaling Midweek
	IA revisions.	• Use my IA feedback	– Summarizing	individual conferences	Assessment Check
N		to revise my IA	Sentences and	they will be working	rissessment cheek
day	I am pre-assessing	investigation	Question Writing	collaboratively on:	
les	my understanding of	Complete my IA	Question whiting	condocidat very on.	IA Feedback Conferencing
Wednesday	D2.	document for final		D2 PreTest on Kognity	- IA Feedback Meetings &
M		grading			Next Steps Assessment
		 Pre-Assess my 			Check
		understanding of D2			
	I am reviewing cell	I can	Throwback	Mitosis vs Meiosis one	Cell Cycle Blooket
	cycle.	Distinguish between	Thursday Do Now –	pagers and mini lessons	Formative Check
	-)	mitosis and meiosis	MCQ & Justification	F	
>		 Explain the events of 			Neural Signaling Quiz
day		mitosis and meiosis			Corrections
nrs		 Explain how cell 			
Thursd		cycle is regulated			
L .					
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Friday	I am demonstrating understanding of cell communication and neural signaling	I can • Answer Paper 1 MCQs and Paper 2 FRQs to demonstrate understanding of C2 Content	FRQ Friday Do NowN/A – Unit Test- Free ResponseAnswer Construction& Self-AssessmentImage: Self - Assessment	t Day C2 Unit Test – Paper 1 MCQ and Paper 2 FRQ Questions
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Minor Assessment

Literacy Tasks

Major Assessment