

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 6 - 10

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

This week's Homework Focus: Kognity Topics C2.1, IA Revisions

	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 IA revisions.	I can <ul style="list-style-type: none"> • Use my IA feedback to revise my IA investigation • Complete my IA document for final grading 	Math Monday Do Now	IA Feedback Discussion Circles	IA next steps writing formative check
Tuesday	I am learning about IA revisions. I am learning about chemical signaling	I can <ul style="list-style-type: none"> • Use my IA feedback to revise my IA investigation • Complete my IA document for final grading • 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 	Test Prep Tuesday – CER Practice Question (writing claim, evidence, & reasoning)	When students are not in individual conferences they will be working collaboratively on: C2 PreTest on Kognity Chemical Signaling mini review – ligands, receptors, transduction Bacterial Quorum Sensing Examples	IA Feedback Conferencing - IA Feedback Meetings & Next Steps Assessment Check

Wednesday	I am learning about synaptic transmission as example of chemical signaling	I can <ul style="list-style-type: none"> • Model a motor neuron and identify all its structures • Model a synapse and explain the process of synaptic transmission using the structures involved • 	WIS WIM Do Now – Summarizing Sentences and Question Writing	When students are not in individual conferences, they will be working collaboratively on: Synaptic Transmission Modeling Lab – modeling motor neurons, synapses, and synaptic transmission	IA Feedback Conferencing - IA Feedback Meetings & Next Steps Assessment Check
Thursday	I am learning about synaptic transmission as example of chemical signaling	I can <ul style="list-style-type: none"> • Model a motor neuron and identify all its structures • Model a synapse and explain the process of synaptic transmission using the structures involved 	Throwback Thursday Do Now – MCQ & Justification Writing	When students are not in individual conferences, they will be working collaboratively on: Synaptic Transmission Modeling Lab – modeling motor neurons, synapses, and synaptic transmission	IA Feedback Conferencing - IA Feedback Meetings & Next Steps Assessment Check
Friday	I am learning about neurotransmitters.	I can <ul style="list-style-type: none"> • Describe the modes of action of excitatory and inhibitory neurotransmitters 	FRQ Friday Do Now – Free Response Answer Construction & Self-Assessment	When students are not in individual conferences, they will be working collaboratively on: Neurotransmitters Graphic Organizer Jig Saw Activity	IA Feedback Conferencing - IA Feedback Meetings & Next Steps Assessment Check Synaptic Transmission Modeling Lab Assessment Check

Literacy Tasks

Minor Assessment

Major Assessment