

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.

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	<p>I am learning about IA revisions.</p> <p>I am learning about chemical signaling</p>	<p>I can</p> <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 	<p>Math Monday Do Now</p>	<p>When students are not in individual conferences they will be working collaboratively on:</p> <p>C2 PreTest on Kognity</p> <p>Chemical Signaling mini review – ligands, receptors, transduction</p> <p>Bacterial Quorum Sensing Examples</p>	<p>IA Feedback Conferencing</p> <p>- IA Feedback Meetings & Next Steps Assessment Check</p>

Tuesday	<p>I am learning about IA revisions.</p> <p>I am learning about chemical signaling</p>	<p>I can</p> <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 	<p>Test Prep Tuesday – CER Practice Question (writing claim, evidence, & reasoning)</p>	<p>When students are not in individual conferences they will be working collaboratively on:</p> <p>C2 PreTest on Kognity</p> <p>Chemical Signaling mini review – ligands, receptors, transduction</p> <p>Bacterial Quorum Sensing Examples</p>	<p>IA Feedback Conferencing - IA Feedback Meetings & Next Steps Assessment Check</p>
Wednesday	<p>I am learning about IA revisions.</p> <p>I am pre-assessing my understanding of D2.</p>	<p>I can</p> <ul style="list-style-type: none"> • Use my IA feedback to revise my IA investigation • Complete my IA document for final grading • Pre-Assess my understanding of D2 	<p>WIS WIM Do Now – Summarizing Sentences and Question Writing</p>	<p>When students are not in individual conferences they will be working collaboratively on:</p> <p>D2 PreTest on Kognity</p>	<p>Neural Signaling Midweek Assessment Check</p> <p>IA Feedback Conferencing - IA Feedback Meetings & Next Steps Assessment Check</p>
Thursday	<p>I am reviewing cell cycle.</p>	<p>I can</p> <ul style="list-style-type: none"> • Distinguish between mitosis and meiosis • Explain the events of mitosis and meiosis • Explain how cell cycle is regulated 	<p>Throwback Thursday Do Now – MCQ & Justification Writing</p>	<p>Mitosis vs Meiosis one pagers and mini lessons</p>	<p>Cell Cycle Blooet Formative Check</p> <p>Neural Signaling Quiz Corrections</p>

Friday	I am demonstrating understanding of cell communication and neural signaling	I can <ul style="list-style-type: none"> • Answer Paper 1 MCQs and Paper 2 FRQs to demonstrate understanding of C2 Content 	FRQ Friday Do Now – Free Response Answer Construction & Self-Assessment	N/A – Unit Test Day	C2 Unit Test – Paper 1 MCQ and Paper 2 FRQ Questions
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Literacy Tasks

Minor Assessment

Major Assessment