

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

**Topic:** Unit 3: Energetics    **Course:** AP/IB Biology    **Grade:** 10, 11, 12    **Dates:** Dec 2 - 6

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

**This week's Homework Focus:** 4.2, 4.3 AP Classroom Videos

	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>		
<b>Monday</b>	I am learning about photosynthesis.	I can <ul style="list-style-type: none"> <li>• Collect data to investigate a factor that impacts the rate of photosynthesis</li> <li>• Construct a graph to present data</li> <li>• Write a CER to summarize my findings</li> </ul>	Math Monday Do Now – AP Formulas Practice Question	Photosynthesis Leaf Disk Lab – students work in collaborative groups to work collect leaf disk data sets	Leaf Disk Graphing
<b>Tuesday</b>	I am learning about photosynthesis.	I can <ul style="list-style-type: none"> <li>• Collect data to investigate a factor that impacts the rate of photosynthesis</li> <li>• Construct a graph to present data</li> <li>• Write a CER to summarize my findings</li> </ul>	Test Prep Tuesday Do Now – CER practice question (Claim, Evidence, Reasoning Writing)	Photosynthesis Leaf Disk Lab – students work in collaborative groups to work collect leaf disk data sets  CER writing	Leaf Disk Lab Assessment Check

<b>Wednesday</b>	I am demonstrating mastery of Cellular Energetics.	I can <ul style="list-style-type: none"> <li>• Answer MCQs and FRQs to show content mastery of cellular energy</li> </ul>	WIS WIM Do Now – Summarizing Sentences & Question Writing	N/A – Unit Test day	Unit 3 Summative Test – MCQs & FRQs through AP Classroom
<b>Thursday</b>	I am learning about ligands and receptors.	I can <ul style="list-style-type: none"> <li>• Define ligand</li> <li>• Define receptor</li> <li>• Explain the relationship between ligands and receptors</li> </ul>	Throwback Thursday Do Now – MCQ & Justification writing	Cell Communication Pogil Activity & Nearpod – Intro do cell signaling	Nearpod Formative Assessment Check – embedded questions
<b>Friday</b>	I am learning about cell signaling pathways.	I can <ul style="list-style-type: none"> <li>• Describe the 3 steps of cell signaling pathways</li> <li>• Distinguish between types of cell signaling pathways</li> </ul>	FRQ Friday Do Now – FRQ answer construction and self-assessment	Complete Cell Signaling Pogil  Assign Cell Signaling Disease Project	TOTD: Steps of Cell Signaling

Literacy Tasks

Minor Assessment

Major Assessment