

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

Topic: Unit 3: Energetics **Course:** AP/IB Biology **Grade:** 10, 11, 12 **Dates:** Oct 28 – Nov 1

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

This week's Homework Focus: 3.4 & 3.5 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>		
Monday	I am demonstrating understanding of Unit 2 Content.	I can <ul style="list-style-type: none"> • Answer MCQs and FRQs to demonstrate my understanding of Unit 2 Cell Structure and Function 	Math Monday Do Now – SA Volume Question	N/A Unit Test Day	Unit 2 Test: MCQ AP Classroom Questions & FRQ AP Classroom Questions
Tuesday	I am completing my SF Project.	I can <ul style="list-style-type: none"> • Collect and Analyze Data • Construct Graphs • Write justifiable conclusions 	Test Prep Tuesday Do Now – CER practice question (Claim, Evidence, Reasoning Writing)	PSAT Testing Schedule – for any class periods that do have class today we will work on SF Projects	SF check-in formatives

Wednesday	I am learning about enzymes.	I can <ul style="list-style-type: none"> Explain the structure and function relationship of enzymes and substrates Explain how temperature, pH, and substrate concentration impact enzyme activity 	WIS WIM Do Now – Summarizing Sentences & Question Writing	Enzyme Structure & Function Mini Lesson Enzyme Graph Analyses	Enzyme Impacts TOTD formative check
Thursday	I am learning about chloroplasts.	I can <ul style="list-style-type: none"> Explain the role of chloroplasts in photosynthesis Isolate chloroplasts and explain their fluorescence Write a CER to summarize my data set 	Throwback Thursday Do Now – MCQ & Justification writing	Bloody Chlorophyll Lab (Halloween Lab) – isolating chlorophyll molecules from spinach leaves in collaborative groups	Writing Lab Conclusions - CER
Friday	I am learning about STEM Careers	I can <ul style="list-style-type: none"> Explain 3 Careers in the STEM Field and the steps needed to enter into those careers 	FRQ Friday Do Now – FRQ answer construction and self-assessment	STEM Careers Virtual Field Trip – Video & Graphic Organizer	Bloody Chlorophyll Lab Assessment Check

Literacy Tasks

Minor Assessment

Major Assessment