

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

Topic: C1 Interaction and Interdependence: Molecules (Subtopics C1.2 Respiration & C1.3 Photosynthesis)

Course: IB Biology Year 2

Grade: 12

Dates: Sept 16 - 20

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

This week's Homework Focus: Kognity Topic C1.2 & C1.3 Guided Notes Sheets

	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 link reaction, Krebs Cycle, and ETC.	I can ... <ul style="list-style-type: none"> Investigate factors that affect respiration in yeast and explain results Outline the events of the Krebs cycle Answer questions about structure and function of the mitochondrion 	Math Monday Do Now – Rate of Respiration Calculation	Krebs Cycle Hexagon Task (Inthinking) Harvard X animation – ETC Mitochondrion Practice Set – Structure & Function	Cell Respiration Summary Post its
Tuesday	I am learning about photosynthesis	I can ... <ul style="list-style-type: none"> Distinguish between light dependent and light independent reactions Explain the role of photosystems in photosynthesis 	Test Prep Tuesday – CER Practice Question (writing claim, evidence, & reasoning)	Action & Absorption Spectrum Graph Analysis Graphic Organizers – Light dependent and Light Independent Reactions	TOTD: Chloroplast Structure and Function Summaries

Wednesday	I am learning about photosynthesis	I can ... <ul style="list-style-type: none"> Distinguish between light dependent and light independent reactions Explain the role of photosystems in photosynthesis 	WIS WIM Do Now – Summarizing Sentences and Question Writing	Graphic Organizers: photosystem I and II; Calvin Cycle	TOTD: PS or CR
Thursday	I am demonstrating mastery of the interaction and interdependence of molecules (C1).	I can ... <ul style="list-style-type: none"> Answer MCQs & FRQs to demonstrate understanding of Unit C1 	Throwback Thursday Do Now – MCQ & Justification Writing	N/A – Summative Assessment Day	C1 Unit Test: Paper 1 MCQ Kognity, Paper 2 FRQ from Questionbank
Friday	I am designing my Internal Assessment Investigation	I can <ul style="list-style-type: none"> Design my Internal Assessment Investigation by creating my materials list and writing my procedure 	FRQ Friday Do Now – Free Response Answer Construction & Self-Assessment	IA Protocol Peer Feedback	IA Assessment Check

Literacy Tasks

Minor Assessment

Major Assessment