

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

Topic: Unit 3: Energetics **Course:** AP/IB Biology **Grade:** 10, 11, 12 **Dates:** Nov 18 - 22

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

This week's Homework Focus: 4.1 – 4.2 AP Classroom Videos & Science Fair

	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 photosynthesis.	I can <ul style="list-style-type: none"> • Outline the light dependent and independent reactions • Collect and analyze photosynthesis data • Calculate Rf values in chromatography • Explain how various factors impact the rate of photosynthesis 	Math Monday Do Now – AP Formulas Practice Question	Cellular Energy Stations – Photosynthesis (Day 1 of 4) <ul style="list-style-type: none"> • Darkow Simulations • Leaf Disk Lab Station • Photosynthesis Foldable • Chromatography Lab Station 	Yeast Respiration Lab Assessment Check

<p style="text-align: center;">Tuesday</p>	<p>I am learning about photosynthesis.</p>	<p>I can</p> <ul style="list-style-type: none"> • Outline the light dependent and independent reactions • Collect and analyze photosynthesis data • Calculate Rf values in chromatography • Explain how various factors impact the rate of photosynthesis 	<p>Test Prep Tuesday Do Now – CER practice question (Claim, Evidence, Reasoning Writing)</p>	<p>Cellular Energy Stations – Photosynthesis (Day 2 of 4)</p> <ul style="list-style-type: none"> • Darkow Simulations • Leaf Disk Lab Station • Photosynthesis Foldable • Chromatography Lab Station 	
<p style="text-align: center;">Wednesday</p>	<p>I am learning about photosynthesis.</p>	<p>I can</p> <ul style="list-style-type: none"> • Outline the light dependent and independent reactions • Collect and analyze photosynthesis data • Calculate Rf values in chromatography • Explain how various factors impact the rate of photosynthesis 	<p>WIS WIM Do Now – Summarizing Sentences & Question Writing</p>	<p>Cellular Energy Stations – Photosynthesis (Day 3 of 4)</p> <ul style="list-style-type: none"> • Darkow Simulations • Leaf Disk Lab Station • Photosynthesis Foldable • Chromatography Lab Station 	<p>Midweek Assessment Check – 3.3 – 3.5</p>

Thursday	I am learning about photosynthesis.	I can <ul style="list-style-type: none"> • Outline the light dependent and independent reactions • Collect and analyze photosynthesis data • Calculate Rf values in chromatography • Explain how various factors impact the rate of photosynthesis 	Throwback Thursday Do Now – MCQ & Justification writing	Cellular Energy Stations – Photosynthesis (Day 4 of 4) <ul style="list-style-type: none"> • Darkow Simulations • Leaf Disk Lab Station • Photosynthesis Foldable • Chromatography Lab Station 	Science Fair Investigations Submitted
Friday	I am learning about fitness.	I can <ul style="list-style-type: none"> • Explain examples of fitness. 	FRQ Friday Do Now – FRQ answer construction and self-assessment	Fitness Graphic Organizer	Photosynthesis Lab Assessment Checks

Literacy Tasks

Minor Assessment

Major Assessment