

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

Topic: Form & Function Organisms: Gas Exchange & Transport

Course: IB Biology Year 2

Grade: 12 Dates: Feb 3 - 7

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

This week's Homework Focus: B3.2 Kognity Topics, 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	I am learning bout leaf structure and transpiration	I can <ul style="list-style-type: none"> Identify the structures of the leaf Describe factors that affect transpiration rates in plants Calculate stomatal density 	Math Monday Do Now	Stomata Density Microscopy Lab Leaf Structure Plan Diagrams Xylem and Phloem structures and functions	Ventilation Lab Assessment Check TOTD: Stomatal Lab Density Lab Conclusions
Tuesday	I am learning about measuring the rate of transpiration	I can <ul style="list-style-type: none"> Design an experiment to measure the rate of transpiration 	Test Prep Tuesday – CER Practice Question (writing claim, evidence, & reasoning)	Transpiration Rate Virtual Lab – factors that affect rates of transpiration	Transpiration rate lab conclusions
Wednesday	I am learning about heart structures and functions.	I can <ul style="list-style-type: none"> Draw and label the mammalian heart Outline the flow of blood through the heart Compare the structures of blood vessels Explain heart sounds and functions 	WIS WIM Do Now – Summarizing Sentences and Question Writing	Transport System Structure and Function Stations Activities – Day 1	Gas Exchange Midweek Assessment Check

Thursday	I am learning about heart structures and functions.	I can <ul style="list-style-type: none"> • Draw and label the mammalian heart • Outline the flow of blood through the heart • Compare the structures of blood vessels Explain heart sounds and functions	Throwback Thursday Do Now – MCQ & Justification Writing	Transport System Structure and Function Stations Activities – Day 1	Flood of Blood Through the Heart Outlines formative check TOD
Friday	I am learning about heart structures and functions.	I can <ul style="list-style-type: none"> • Draw and label the mammalian heart • Outline the flow of blood through the heart • Compare the structures of blood vessels • Explain heart sounds and functions 	FRQ Friday Do Now – Free Response Answer Construction & Self-Assessment	Transport System Structure and Function Stations Activities – Day 1	Heart Structure Assessment Check

Literacy Tasks

Minor Assessment

Major Assessment