

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 8 – 12

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 the impact of vaccination on disease transmission.	I can <ul style="list-style-type: none">Trace the spread of an infectious diseaseExplain the impact of vaccinations on the spread of infectious disease Discuss the pros and cons of vaccines	Math Monday Do Now – Rate of Respiration Calculation	Spread of Infectious Disease Modeling Lab	Lab Conclusion Writing

Tuesday	I am learning about immune system cells and interactions.	I can <ul style="list-style-type: none"> • Explain relationships between immune system cells • Explain the integration of the lines of defense to defend the body against pathogens • Outline the immune response to pathogens 	Test Prep Tuesday – CER Practice Question (writing claim, evidence, & reasoning)	Immune System Rube Goldberg Diagrams Research Day	Spread of Infectious Disease Lab Assessment Check
Wednesday	I am learning about immune system cells and interactions.	I can <ul style="list-style-type: none"> • Explain relationships between immune system cells • Explain the integration of the lines of defense to defend the body against pathogens • Outline the immune response to pathogens 	WIS WIM Do Now – Summarizing Sentences and Question Writing	Immune System Rube Goldberg Diagrams Design Day	Lines of Defense Ticket out the door

Thursday	I am learning about immune system cells and interactions.	I can <ul style="list-style-type: none"> • Explain relationships between immune system cells • Explain the integration of the lines of defense to defend the body against pathogens • Outline the immune response to pathogens 	Throwback Thursday Do Now – MCQ & Justification Writing	Immune System Rube Goldberg Diagrams Designs completed and Group Comparisons	Rube Goldberg Summative Task
Friday	I am learning about antigens, antibodies, antibiotics and vaccines.	I can <ul style="list-style-type: none"> • Explain the relationship between antigens and antibodies • Explain how antibiotics work • Explain how vaccines work 	FRQ Friday Do Now – Free Response Answer Construction & Self-Assessment	Sketch notes – antigens, antibodies, antibiotics, and vaccines	TOK Writing prompts: Antibiotic resistance & Vaccination pros and cons

Literacy Tasks

Minor Assessment

Major Assessment