

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

Topic: Diversity of Organisms

Course: IB Biology Year 2

Grade: 12

Dates: Sept 22 - 26

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

This week's Homework Focus: Kognity Topics B4.2 & A3.1

	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 reviewing Unit 2 and preparing for Unit 2 Test	I can <ul style="list-style-type: none"> • Explain virus structure and function • Distinguish between virus life cycles • Explain how the immune system responds to antigens • Explain how antibodies are made • Outline the impacts of HIV on the immune system 	Math Monday Do Now	Unit 2 Reflections on Kognity – Viruses and Immune system reflections on learning Unit 2 Practice sets – blooket, kahoot, wayground Unit 2 Strengths tests and battles Unit 2 Practice Test MCQs and FRQs on Kognity	Immune System Midweek Assessment Check Corrections

Tuesday	I am demonstrating mastery of Unit 2	I can <ul style="list-style-type: none"> • Explain virus structure and function • Distinguish between virus life cycles • Explain how the immune system responds to antigens • Explain how antibodies are made • Outline the impacts of HIV on the immune system 	Test Prep Tuesday – CER Practice Question (writing claim, evidence, & reasoning)	N/A – Summative Assessment International Mindedness Task after test	Unit 2 Summative Assessment – Viruses & Immunity: Kognity MCQs and Test bank FRQs
Wednesday	I am learning about ecological niches	I can <ul style="list-style-type: none"> • Define ecological niche • Distinguish between obligate aerobes, facultative anaerobes, and obligate anaerobes • Distinguish between autotrophs, heterotrophs, holozoic, mixotrophic, and saprotrophic 	WIS WIM Do Now – Summarizing Sentences and Question Writing	Kognity Drag and Drops- aerobes, dentition Inthinking Feeding Loop Circle “Game”	Unit 3 PreTest on Kognity

Thursday	I am learning about species and binomial nomenclature	I can <ul style="list-style-type: none"> • Define species • Identify morphological species • Discuss the limitations of morphological species 	Throwback Thursday Do Now – MCQ & Justification Writing	Species Concept IB Inthinking Questions	IA Procedure Writing
Friday	I am learning about variations in species karyotypes	I can <ul style="list-style-type: none"> • Compare and contrast karyotypes of various species 	FRQ Friday Do Now – Free Response Answer Construction & Self-Assessment	Related Species Karyotype Data Analysis Lab	Unit 2 Test Corrections as needed in small group – relearning/reassessment plans put in place

Literacy Tasks

Minor Assessment

Major Assessment