

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

Topic: Diversity of Organisms

Course: IB Biology Year 2

Grade: 12

Dates: Sept 29 – Oct 3

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

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

	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 genomes and species	I can <ul style="list-style-type: none"> • Use a database to collect genome size data • Determine if there is a relationship between complexity of organisms and genome size • Classify organisms using morphology • Use a dichotomous key 	Math Monday Do Now	Species Genomes Comparison Data Analysis (Kognity Lab) Classification Lab	Genome Analysis Conclusion Writing
Tuesday	I am learning about Classification	I can <ul style="list-style-type: none"> • Use Kognity to study and review classification content from Year 1 	Test Prep Tuesday – CER Practice Question (writing claim, evidence, & reasoning)	International Mindedness Assignment Reading Guide or IA work time – class relocated to media center for picture day	Kognity Reading Guides

Wednesday	I am learning about Classification	I can <ul style="list-style-type: none"> Classify organisms using morphology Use a dichotomous key 	WIS WIM Do Now – Summarizing Sentences and Question Writing	Classification Lab	Midweek Assessment Check: Niche & Species
Thursday	I am learning about Classification	I can <ul style="list-style-type: none"> Classify organisms using morphology Use a dichotomous key 	Throwback Thursday Do Now – MCQ & Justification Writing	Classification Lab Completed	Classification Lab Assessment Check
Friday	I am learning about Cladograms	I can <ul style="list-style-type: none"> Identify components of a cladogram Analyze data to construct a cladogram Read a cladogram to draw conclusions about ancestry 	FRQ Friday Do Now – Free Response Answer Construction & Self-Assessment	Cladograms – Kognity Tasks to practice with cladogram data analysis and construction	Kognity Formative Check – Activity submissions

Literacy Tasks

Minor Assessment

Major Assessment