

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

Topic: Lab Safety & Internal Assessment/Scientific Method

Course: AP/IB Biology

Grade: 10, 11, 12

Dates: Aug 4 - 8

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

	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			No High School Students		
Tuesday	I am learning about rituals and routines. I am learning about CER writing in science.	I can <ul style="list-style-type: none"> Explain the importance of lab safety Collect observational data Write a CER using data to support a claim 	Test Prep Tuesday Do Now – Housekeeping 101 Lab Safety Intro	CER Guided Outlines Alien Invasion CER Data Collection & Collaboration	CER writing TOTD
Wednesday	I am learning about lab safety and classroom procedures.	I can ... <ul style="list-style-type: none"> Discuss the importance of lab safety rules Know how to respond safely during any safety drill (fire, weather, lockdown, etc.) 	WIS WIM Do Now – Lab Safety Infographic Distribute Lab Safety Contracts and Discuss Safety Expectations	Read Lab Safety Contracts and Discuss Lab Safety Task Cards Group Collaboration and Discussion AP Classroom Access & Expectations	CER TOTD: What is the most important lab safety rule? Write Claim, Evidence, and Reasoning

Thursday	I am learning about data analysis and graphing.	I can ... <ul style="list-style-type: none"> • Discuss the importance of lab safety rules • Know how to respond safely during drills • I can analyze a data set and accurately reflect it on an appropriate graph to include titles, labels, units and correct scaling. 	Throwback Thursday Do Now – Scientific Method Finish discussing any Lab Safety Rules/Drills Needed	Graphing 101 & Statistical ANALYSIS – Drops of Water on a Penny Lab Investigation data collection and analysis	Data Analysis Formative Checks – means, standard deviation, standard error of the mean
Friday	I am learning about data analysis and graphing	I can ... <ul style="list-style-type: none"> • I can analyze a data set and accurately reflect it on an appropriate graph to include titles, labels, units and correct scaling. 	FRQ Friday Do Now – Lab Safety Review Lab Safety with Review Game (Blooket, Quizlet Live, etc)	Graphing 101 & Statistical ANALYSIS – Drops of Water on a Penny Lab Graphing and Conclusions	Lab Safety Test

Literacy Tasks

Minor Assessment

Major Assessment