

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

Topic: Unit 5 Genetics / Unit 6 Molecular Biology **Course:** AP/IB Biology **Grade:** 10, 11, 12 **Dates:** Feb 10 - 14

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

This week's Homework Focus: Unit 5 Progress Checks, 6.3, 6.4, 6.5 AP Classroom Videos

	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 linked traits.	I can <ul style="list-style-type: none"> Solve dihybrid crosses Solve sex-linked trait crosses Explain the inheritance of hemophilia and color blindness Trace the inheritance of a trait through pedigree analysis 	Math Monday Do Now – AP Formulas Practice Question Dihybrid Cross	Sex-Linked Traits Punnett Square Practice & Pedigree Practice	TOTD: Sex-linked traits formative check
Tuesday	I am learning about Chi Square Test	I can <ul style="list-style-type: none"> Use Punnett squares to calculate expected values Use data sets to count observed values Write null hypotheses Solve Chi Square problems 	Test Prep Tuesday Do Now – CER practice question (Claim, Evidence, Reasoning Writing)	Chi Square Lab – Genetics Observed & Expected Values	Lab Conclusion writing

Wednesday	I am learning about Chi Square Test	I can <ul style="list-style-type: none"> • Use Punnett squares to calculate expected values • Use data sets to count observed values • Write null hypotheses • Solve Chi Square problems 	WIS WIM Do Now – Summarizing Sentences & Question Writing	Complete Chi Square Lab Analysis & Conclusion	Genetics Midweek Assessment Check Unit 5 MCQ Progress Check Self-Assessment
Thursday	I am self-assessing my understanding of Unit 5 Content	I can <ul style="list-style-type: none"> • Complete the Unit 5 FRQ Progress Check to self-assess understanding of Unit 5 content 	Throwback Thursday Do Now – MCQ & Justification writing	Unit 5 FRQ Question Stem Discussions prior to Unit 5 FRQ Progress Check Answer Construction MCQ portion assigned for LFH work Tuesday	Chi Square Lab Assessment Check Unit 5 FRQ Progress Check Self-Assessment
Friday			FRQ Friday Do Now – FRQ answer construction and self-assessment	Student Holiday	

Literacy Tasks

Minor Assessment

Major Assessment