

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

Topic: Unit 6 Gene Expression & Regulation **Course:** AP/IB Biology **Grade:** 10, 11, 12 **Dates:** Mar 17-21

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

This week's Homework Focus: Unit 7 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 operons and gene regulation	I can <ul style="list-style-type: none"> Explain the role of lac operons in gene regulation 	Math Monday Do Now – AP Formulas Practice Question March Mammal Madness Recaps	Complete Lac Operon Pogil Models 2 and 3	Unit 6 Progress Check MCQ
Tuesday	I am learning about lac operons and biotechnology	I can <ul style="list-style-type: none"> Analyze data sets using promoters and plasmids to predict gene expressions 	Test Prep Tuesday Do Now – CER practice question (Claim, Evidence, Reasoning Writing) March Mammal Madness Recaps	AP Biology Video Lab – Promoters and Gene Expressions (luciferase)	Unit 6 Progress Check FRQ question 1

Wednesday	I am self-assessing my ability to answer FRQ questions	I can <ul style="list-style-type: none"> Self-assess my Unit 6 FRQ Progress Check 	WIS WIM Do Now – Summarizing Sentences & Question Writing March Mammal Madness Recaps	Unit 6 FRQ Progress Check FRQ Question Stem Collaborations	Unit 6 FRQ Progress Check Question 2
Thursday	I am demonstrating understanding of Unit 6	I can answer MCQs and FRQs to demonstrate mastery of Unit 6 (Gene expression and regulation-	Throwback Thursday Do Now – MCQ & Justification writing March Mammal Madness Recaps	N/A Unit Assessment	Unit 6 Summative Test – AP Classroom MCQs & FRQs Biotechnology Assessment Task Assigned – performance task for Topic 6.8
Friday	I am learning about ecosystem structure and relationships.	I can <ul style="list-style-type: none"> Analyze a short story about ecology to demonstrate understanding of ecology content 	FRQ Friday Do Now – FRQ answer construction and self-assessment March Mammal Madness Recaps	Hair in My Dirt Book Club with Mrs. Thompson	TOTD: Hair in my Dirt Examples

Literacy Tasks

Minor Assessment

Major Assessment