

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

**Topic:** Unit 6 Biotechnology & Unit 7 Evolution     **Course:** AP/IB Biology     **Grade:** 10, 11, 12     **Dates:** Mar 24 - 28

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

**This week's Homework Focus:** Unit 8 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>		
<b>Monday</b>	I am learning about Biotechnology	I can <ul style="list-style-type: none"> <li>• Explain biotechnology techniques</li> <li>• Explain biotechnology applications</li> <li>• Construct a brochure to demonstrate my understanding of biotechnology</li> </ul>	Math Monday Do Now – AP Formulas Practice Question  March Mammal Madness Recaps	Biotechnology Brochures Work Time with collaborative Groups	Biotechnology Brochures Summative Tasks
<b>Tuesday</b>	I am learning about Biotechnology	I can <ul style="list-style-type: none"> <li>• Explain biotechnology techniques</li> <li>• Explain biotechnology applications</li> <li>• Construct a brochure to demonstrate my understanding of biotechnology</li> </ul>	Test Prep Tuesday Do Now – CER practice question (Claim, Evidence, Reasoning Writing)  March Mammal Madness Recaps	Biotechnology Blooket or Gimkit Practice Set  Biotechnology Brochures Work Time with collaborative Groups	Biotechnology Brochures Summative Tasks

<b>Wednesday</b>	I am learning about cladograms	I can <ul style="list-style-type: none"> <li>Analyze cladogram data</li> <li>Determine evolutionary relationships using cladogram data</li> <li>Construct a cladogram</li> </ul>	WIS WIM Do Now – <b>Summarizing Sentences &amp; Question Writing</b>  March Mammal Madness Recaps	Cladogram Intro Assignment after Assessment Check	<b>Biotechnology Summative Task Assessment Check</b>
<b>Thursday</b>	I am learning about cladograms	I can <ul style="list-style-type: none"> <li>Analyze cladogram data</li> <li>Determine evolutionary relationships using cladogram data</li> <li>Construct a cladogram</li> </ul>	Throwback Thursday Do Now – MCQ & <b>Justification writing</b>  March Mammal Madness Recaps	Cladogram Lab – Comparative Anatomy and Molecular Data Analysis to construct cladograms	<b>Cladogram Conclusions</b>
<b>Friday</b>	I am learning about evolution.	I can <ul style="list-style-type: none"> <li>Outline Evidence of Evolution</li> <li>Distinguish between natural and artificial selection</li> </ul>	FRQ Friday Do Now – <b>FRQ answer construction</b> and self-assessment  March Mammal Madness Recaps	Evidence of Evolution Survey  Examples of Natural and Artificial Selection	<b>Cladogram Lab Assessment Check</b>

**Literacy Tasks**

**Minor Assessment**

**Major Assessment**