

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

**Topic:** Structure and Function of Molecular Genetics - Unit 3B    **Course:** Biology

**Grade:** 10            **Dates:** Feb 3 – 7

Homework Focus: EOC Practice Sets on Progress Learning

	Learning Target (I am learning about...)	Criteria for Success (I can...)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			(Include at least one/two formatives*in any part of the lesson as needed)		
<b>Monday</b>	I am learning about biotechnology	I can <ul style="list-style-type: none"> <li>• Explain biotechnology techniques</li> <li>• Evaluate the pros and cons of the various biotechnology techniques</li> </ul>	Math Monday Do Now – Calculations/Data Analysis Practice	Unit 3B Summative Task: Biotechnology Debates  Students assigned biotechnology & stance and given time to research and prepare arguments	TOTD: 3, 2, 1 3 supporting pieces of evidence for my stance 2 questions I still have 1 counterargument
<b>Tuesday</b>	I am learning about biotechnology	I can <ul style="list-style-type: none"> <li>• Explain biotechnology techniques</li> <li>• Evaluate the pros and cons of the various biotechnology techniques</li> </ul>	Test Prep Tuesday Do Now – CER writing	Unit 3B Summative Task: Biotechnology Debates  Students prepare for/research expected counterarguments and plan for rebuttals	TOTD: summarizing sentences for counterarguments

Wednesday	I am learning about biotechnology	I can <ul style="list-style-type: none"> <li>• Explain biotechnology techniques</li> <li>• Evaluate the pros and cons of the various biotechnology techniques</li> </ul>	WIS WIM Wednesday – summarizing information & writing questions	Biotechnology Debates – Students will present arguments and debate biotechnology topics  Gallery will complete argument sheets as note taking during debates	TOTD: writing final conclusions/stance regarding biotechnologies  Unit 3B Summative Tasks Biotechnology Debates Performance Assessment
Thursday	I am learning about biotechnology	I can <ul style="list-style-type: none"> <li>• Explain biotechnology techniques</li> <li>• Evaluate the pros and cons of the various biotechnology techniques</li> </ul>	Throwback Thursday Do Now: Multiple Choice Question with Justification Writing	Biotechnology Debates – Students will present arguments and debate biotechnology topics  Gallery will complete argument sheets as note taking during debates	TOTD: writing final conclusions/stance regarding biotechnologies  Unit 3B Summative Tasks Biotechnology Debates Performance Assessment
Friday	I am learning about monohybrid crosses	I can <ul style="list-style-type: none"> <li>• Distinguish between dominant and recessive alleles</li> <li>• Distinguish between homozygous and heterozygous phenotypes</li> <li>• Distinguish between genotype and phenotype</li> <li>• Use Punnett Squares to solve monohybrid crosses</li> </ul>	FRQ Friday Do Now: Free Response Question Answer Construction & Revision	Spongebob Genetics Practice Sheets to introduce monohybrid crosses and basic genetics vocabulary	Unit 4 PreAssessment  TOTD: Monohybrid Formative Check

Literacy Tasks

Minor Assessment

Major Assessment