



Agendas for the Week: *March 8th – March 12th, 2021*

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	Monday Google Meets 9:52AM-10:34AM 10:39AM-11:21AM	Tuesday Google Meets 9:52AM-10:34AM 10:39AM-11:21AM	Wednesday Google Meets 9:52AM-10:34AM 10:39AM-11:21AM	Thursday Google Meets 9:52AM-10:34AM 10:39AM-11:21AM	Friday Google Meets 9:52AM-10:34AM 10:39AM-11:21AM
	Objective(s): SWBAT *replicate the process of transcription and translation. begin protein synthesis and matching with expressed genes traits. *	Objective(s): SWBAT *replicate the process of transcription and translation. begin protein synthesis and matching with expressed genes traits.*	Objective(s): SWBAT *understand how gene expression relates to DNA? Understand the steps for protein synthesis?*	Objective(s): SWBAT *How does gene expression relate to DNA? Understand the steps for protein synthesis?*	Objective(s): SWBAT *replicate process steps for protein synthesis*
P	Engage TPS- What is transcription? Why is it so important to gene expression?	Engage TPS Why are proteins important to the body?	Engage What is the goal of gene expression?	Engage What steps involved protein synthesis?	Engage Codon Bingo Game *Translation Questions*
L A	Explore Get in groups again and finish Prank Wars google activity over protein synthesis. 	Explore Finish Prank wars activity (if not done), then together as a group and share out our main suspects (Solve the prank)  Elaborate If there is time, show a video over protein synthesis or forensics.	Explore Gene expression Differentiation Review *Students have the option of choosing what level of gene expression activities they would like to do* Explain Levels 1 and 2 are geared towards practice and explanation (Nearpods over gene expression/protein synthesis and practices. PHET modeling) Elaborate Level 3 of the gene expression roadmap (transgenic mice, epigenetics podcast or gene to protein project)	Explore Gene expression Differentiation Review *Students have the option of choosing what level of gene expression activities they would like to do* Explain Levels 1 and 2 are geared towards practice and explanation (Nearpods over gene expression/protein synthesis and practices. PHET modeling) Elaborate Level 3 of the gene expression roadmap (transgenic mice, epigenetics podcast or gene to protein project)	Explore https://www.gimkit.com/view/6040d173a385fb00228b233c Protein synthesis Review Explain Elaborate
N	Evaluate and Summary Group accountability form and filled out documents. Pt. of group work; trying to finish transcribing/translating each suspects DNA.	Evaluate and Summary Post assessment over group work and transcription/translation.	Evaluate and Summary Students will complete a google form telling us what activity they did that day.	Evaluate and Summary Students will submit their works. This is a goal to see which students need more help	Evaluate and Summary Have them turn in screenshots or the jamboard of their codon bingo.
Resources:	chromebooks	chromebooks	chromebooks	chromebooks	chromebooks

Resources for the week:

Prank Wars activity 2nd and 3rd/4th, slides, and group accountability group form. (M/T)

Overview: Monday and Tuesday Prank Wars protein synthesis activities

<https://www.youtube.com/watch?v=gG7uCskUOrA>

Wednesday and Thursday: Differentiation lesson plan over gene expression/protein synthesis:

https://docs.google.com/presentation/d/1SA5k_YrAYxE0IE2WnEo3TR-P5y5TWg7DnrBCJwEvjxg/edit?usp=sharing

Friday: Codon Bingo Game: https://docs.google.com/document/d/1remzD5E_6nFkgwUnUsjGbDbGZ405tEip/edit
(will be editing this over the week)

[Week 6 lesson plan](#)