

2021-2022 Mabry CCC Lesson Plan

CCC Meeting		CCC Norms	CCC Meeting Guide
Subject:	Science	<ul style="list-style-type: none"> • Be prepared • Be respectful • Be open to ideas 	<ol style="list-style-type: none"> 1. What do we want students to learn? <ul style="list-style-type: none"> • Genetics/ Heredity 2. How do we know if students learned it? <ul style="list-style-type: none"> • Genetics project/ Test/Performing Arts 3. What do we do when students don't learn it? <ul style="list-style-type: none"> • Review games, Performing Arts review 4. What do we do when students learn it? <ul style="list-style-type: none"> • Celebrate! & Discuss Ideas
Unit:	Genetics		
Week of:	12/6-12/10		
Members:	Varda Kulkarni Ingle Larkin * Facilitator / **Note-taker		

WHAT DO WE WANT STUDENTS TO LEARN?					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Learning Targets	Today I am... reviewing genetics vocabulary So that I can... understand and ask questions In order to.....do better on the test		Today I am.... applying my knowledge of genetics So that I can...choose a performing art In order to... create balance in genetics through Punnett Square percentages, ratios, probabilities, dance, music, drama, and song.		
Content Standards	Georgia Standards of Excellence (GSE): 7L3. Obtain, evaluate, and communicate information to explain how organisms reproduce either sexually or asexually and transfer genetic information to determine the traits of their offspring. a. Construct an explanation supported with scientific evidence of the role of genes and chromosomes in the process of inheriting a specific trait. c. Ask questions to gather and synthesize information about the way's humans influence the inheritance of desired traits in organisms through selective breeding. (<i>Clarification statement:</i> The element specifically addresses artificial selection and the ways in which it is fundamentally different from natural selection.				
Opening	Review: Genetics Digital Escape Room	Review before the test	Discuss Genetics on stage project details	Genetics on Stage Performance Students will review the content of genetics by performing a song, dance,	GMO Video

			<p>Tableaux: https://www.youtube.com/watch?v=YfNmIY1-t5k</p> <p>Spoken Word: Prince EA - “Everybody Dies but Not Everybody Lives”</p> <p>https://www.goodnet.org/articles/5-incredibly-inspiring-pieces-spoken-word-poetry</p> <p>Ashlee Haze - “Untapped”</p> <p>https://www.goodnet.org/articles/5-incredibly-inspiring-pieces-spoken-word-poetry</p>	skit, rap, or a PowerPoint (Adobe Spark) presentation with narration.	
Lesson Plan	Genetics Study guide in Forms Review games: GimKit, Kahoot, Jeopardy	Genetics TEST	<p>Students will demonstrate knowledge of genetics by creating balance using rhythm, dance, song, and word.</p> <p>They will choose one content box and one performing arts box to display their knowledge</p> <p>Science Genetics</p>	Performance Day!	<ol style="list-style-type: none"> 1. 1. Read article 2. 2. Discuss Pros and cons of GMO (genetically modified organism) 3. 3. Discuss structure of DNA 4. 4. Rough draft: Create a GMO

			Technology Adobe Spark Word PPT Sway Poster My Wall Engineering Engineering Design Process Creative Design Process Art Performing Arts - Dance. Music, Drama, Spoken Word, Poetry Math Percentages, probabilities, ratios		
Closing		Introduce Genetics on stage project	Work on the assignment and be ready to perform tomorrow.		Keep the rough draft. Complete it on Monday

HOW DO WE KNOW IF STUDENTS LEARNED IT?																					
Assessment (Current or Future)	Study Guide																				
	<input checked="" type="checkbox"/> Formative <input type="checkbox"/> Summative				<input type="checkbox"/> Formative <input checked="" type="checkbox"/> Summative				<input type="checkbox"/> Formative <input type="checkbox"/> Summative				<input type="checkbox"/> Formative <input type="checkbox"/> Summative				<input type="checkbox"/> Formative <input type="checkbox"/> Summative				
		<i>Teacher Initials</i>				<i>Teacher Initials</i>				<i>Teacher Initials</i>				<i>Teacher Initials</i>				<i>Teacher Initials</i>			
vk																					

Data	# of Students Assessed				# of Students Assessed				# of Students Assessed				# of Students Assessed				# of Students Assessed			
	126																			
	% Exemplary Learners				% Exemplary Learners				% Exemplary Learners				% Exemplary Learners				% Exemplary Learners			
	78																			
	% Proficient Learners				% Proficient Learners				% Proficient Learners				% Proficient Learners				% Proficient Learners			
	9																			
	% Emerging Learners				% Emerging Learners				% Emerging Learners				% Emerging Learners				% Emerging Learners			
	5																			
% Beginning Learners				% Beginning Learners				% Beginning Learners				% Beginning Learners				% Beginning Learners				
8																				

WHAT DO WE DO WHEN STUDENTS DON'T LEARN IT?

Differentiation and Specialized instruction & Strategies					
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WHAT DO WE DO WHEN STUDENTS DO LEARN IT?

Differentiation and Specialized instruction & Strategies					
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STEAM ELEMENTS

Engineering Design Process Stage	<input type="checkbox"/> Ask <input type="checkbox"/> Imagine <input type="checkbox"/> Plan <input type="checkbox"/> Create <input type="checkbox"/> Improve <input type="checkbox"/> Share	<input type="checkbox"/> Ask <input type="checkbox"/> Imagine <input type="checkbox"/> Plan <input type="checkbox"/> Create <input type="checkbox"/> Improve <input type="checkbox"/> Share	<input checked="" type="checkbox"/> Ask <input checked="" type="checkbox"/> Imagine <input checked="" type="checkbox"/> Plan <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Improve <input checked="" type="checkbox"/> Share	<input checked="" type="checkbox"/> Ask <input checked="" type="checkbox"/> Imagine <input checked="" type="checkbox"/> Plan <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Improve <input checked="" type="checkbox"/> Share	<input type="checkbox"/> Ask <input type="checkbox"/> Imagine <input type="checkbox"/> Plan <input type="checkbox"/> Create <input type="checkbox"/> Improve <input type="checkbox"/> Share
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STEAM Connections (2 or More)	<input type="checkbox"/> Science <input checked="" type="checkbox"/> Technology <input type="checkbox"/> Engineering <input type="checkbox"/> Art <input type="checkbox"/> Math	<input type="checkbox"/> Science <input checked="" type="checkbox"/> Technology <input type="checkbox"/> Engineering <input type="checkbox"/> Art <input type="checkbox"/> Math	<input type="checkbox"/> Science <input checked="" type="checkbox"/> Technology <input type="checkbox"/> Engineering <input checked="" type="checkbox"/> Art <input checked="" type="checkbox"/> Math	<input type="checkbox"/> Science <input checked="" type="checkbox"/> Technology <input type="checkbox"/> Engineering <input type="checkbox"/> Art <input type="checkbox"/> Math	<input type="checkbox"/> Science <input type="checkbox"/> Technology <input type="checkbox"/> Engineering <input type="checkbox"/> Art <input type="checkbox"/> Math
Cross-Curricular Connections	<input type="checkbox"/> ELA <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Social Studies <input type="checkbox"/> Foreign Language	<input type="checkbox"/> ELA <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Social Studies <input type="checkbox"/> Foreign Language	<input type="checkbox"/> ELA <input checked="" type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Social Studies <input type="checkbox"/> Foreign Language	<input type="checkbox"/> ELA <input checked="" type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Social Studies <input type="checkbox"/> Foreign Language	<input type="checkbox"/> ELA <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Social Studies <input type="checkbox"/> Foreign Language
STEAM/Cross-Curricular Standards			Science-S7L3a.b.c. Social Studies-SS7G1, SS7G4 ELA- GSE7RL5 ELA- GSE7RL5 Math-MGSE7.RP.3 Dance-MSD.CR.1, MSD.PR2 Music-MSGM.CR.1 Media Arts-MA.CR.1, MA.CR.2 Drama TA.PR1	Science-S7L3a.b.c. Social Studies-SS7G1, SS7G4 ELA- GSE7RL5 Math-MGSE7.RP.3 Dance-MSD.CR.1, MSD.PR2 Music-MSGM.CR.1 Media Arts-MA.CR.1, MA.CR.2 Drama TA.PR1	
STEAM/Cross-Curricular Vocabulary					
Real-world Connection					
Career Connection					