Teacher: Ericka R. Woodson Week of: 2/10/2025-2/14/2025 Subject: 7th Grade- Life Science Period: 1st-6th

TCacrici.	Ericka R. Woodson	WEEK 01. 2/10/2020~2/14/2020	Subject. 7 - Grade Life Science			renoa. 1 om	<del>r</del> 1	
	OBJECTIVES	ACTIVITIES		RESOURCES	HOMEWORK		EVALUATION	STANDARDS
	Heredity: Inheritance	Bell Ringer: Distinguish between DNA and	<b>√</b>	Textbook	Genetic Disorders		Oral Responses	11. Develop and use models to demonstrate how genetic variations
MON	and Variation of	RNA.	✓	Laboratory Experience	Essay	<b>√</b>	Homework	between parents and offspring result from differences in inherited genes
				Video	Due: 2/17/2025	<b>√</b>	Notebook	located on chromosomes.  12. Develop and use models to
	Traits:	Candy DNA Lab Questions		Slides / Pictures	-		Quiz	explain how genes are expressed through the flow of genetic
	Genetics &	Candy DNA Lab Report	./	Assessment	-		Major Test	information from DNA to RNA to a functional protein.
	Biotechnology		-	Handout / Worksheet	4		Project/Report/Presentation	<ol><li>Develop and use models to</li></ol>
				Chart / Graph Map / Model	-		Daily Work Observation	explain that meiosis results in new genetic combinations with increased
			<b>√</b>	Chromebook/Computer	-	<b>✓</b>	Worksheet/Handout	variation. a. Construct an explanation of the advantages and
			-	PowerPoint	-	_	Lab/ Lab Composition	disadvantages of asexual and sexual reproduction. <b>b.</b> Construct an explanation from evidence of how
			1	Other:	-	<b>✓</b>	Class/Group Participation	genetic variants may result in harmful, beneficial, or neutral
				other.				effects on the structure and function
								of an organism.  14. Obtain, evaluate, and
								communicate information on the use of technologies that impact the
								inheritance and appearance of traits in organisms
TUE	Heredity: Inheritance	<b>Bell Ringer:</b> What is the first step in making a	✓	Textbook	Genetic Disorders		Oral Responses	11. Develop and use models to demonstrate how genetic variations
TOL	and Variation of	protein?		Laboratory Experience	Essay	<b>√</b>	Homework	between parents and offspring result from differences in inherited genes
			<b>√</b>	Video	Due: 2/17/2025	_	Notebook	located on chromosomes.  12. Develop and use models to
	Traits:	Amoeba Sisters: DNA v. RNA	-	Slides / Pictures	-		Quiz	explain how genes are expressed through the flow of genetic
	Genetics &	Amoeba Sisters Recap	_	Assessment Handout / Worksheet	-	_	Major Test Project/Report/Presentation	information from DNA to RNA to a functional protein.
	Biotechnology	_		Chart / Graph	-		Daily Work	13. Develop and use models to explain that meiosis results in new
			•	Map / Model	-		Observation	genetic combinations with increased variation. a. Construct an
			<b>✓</b>	Chromebook/Computer		<b>✓</b>	Worksheet/Handout	explanation of the advantages and
			✓	PowerPoint			Lab/ Lab Composition	disadvantages of asexual and sexual reproduction. <b>b.</b> Construct an
				Other:		✓	Class/Group Participation	explanation from evidence of how genetic variants may result in
								harmful, beneficial, or neutral effects on the structure and function
								of an organism.  14. Obtain, evaluate, and
								communicate information on the use of technologies that impact the
								inheritance and appearance of traits in organisms
	Heredity: Inheritance	Bell Ringer: Where does translation take	✓	Textbook	Genetic Disorders		Oral Responses	11. Develop and use models to demonstrate how genetic variations
WED	and Variation of	place?		Laboratory Experience	Essay	<b>√</b>	Homework	between parents and offspring result from differences in inherited genes
WIL		1	✓	Video		✓	Notebook	located on chromosomes.  12. Develop and use models to
	Traits:	Amoeba Sisters: Protein Synthesis		Slides / Pictures	Due: 2/17/2025		Quiz	explain how genes are expressed through the flow of genetic
	Genetics &	Amoeba Sisters Recap: Protein Synthesis	./	Assessment	-		Major Test	information from DNA to RNA to a functional protein.
	Biotechnology			Handout / Worksheet Chart / Graph	-		Project/Report/Presentation  Daily Work	13. Develop and use models to
				Map / Model	-		Observation	explain that meiosis results in new genetic combinations with increased variation. a. Construct an
			<b>✓</b>	Chromebook/Computer	-	<b>✓</b>	Worksheet/Handout	explanation of the advantages and
			✓	PowerPoint			Lab/ Lab Composition	disadvantages of asexual and sexual reproduction. b. Construct an
				Other:		<b>✓</b>	Class/Group Participation	explanation from evidence of how genetic variants may result in
								harmful, beneficial, or neutral effects on the structure and function
								of an organism.  14. Obtain, evaluate, and
								communicate information on the use of technologies that impact the
								inheritance and appearance of traits in organisms
	Heredity: Inheritance	Bell Ringer: What is a mutation?	<b>√</b>	Textbook	Genetic Disorders		Oral Responses	11. Develop and use models to demonstrate how genetic variations
	and Variation of			Laboratory Experience	Essay	✓	Homework	between parents and offspring result from differences in inherited genes
		Amoeba Sisters: Mutations	<b>√</b>	Video	Due: 2/17/2025	✓	Notebook	located on chromosomes.  12. Develop and use models to
THUR	Traits:	Amocoa sisicis, muations		Slides / Pictures			Quiz	explain how genes are expressed
				Assessment			Major Test	through the flow of genetic

		Amazina Ciatana Danam Martatiana		Handout / Worksheet		<b>-</b>	Project/Report/Presentation	information from DNA to RNA to a
	Genetics & Biotechnology	Amoeba Sisters Recap: Mutations					✓ Daily Work	functional protein.  13. Develop and use models to
				Chart / Graph				explain that meiosis results in new
				Map / Model			Observation	genetic combinations with increased variation, a. Construct an
			· ·	Chromebook/Computer			Worksheet/Handout	explanation of the advantages and
				PowerPoint			Lab/ Lab Composition	disadvantages of asexual and sexual reproduction. <b>b.</b> Construct an explanation from evidence of how genetic variants may result in harmful, beneficial, or neutral effects on the structure and function of an organism.  14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms
				Other:			Class/Group Participation	
	Heredity: Inheritance	<b>Bell Ringer:</b> What are the three types of	✓	Textbook	Genetic Disorders		Oral Responses	11. Develop and use models to demonstrate how genetic variations
		mutations?		Laboratory Experience	Essay	✓	Homework	between parents and offspring result from differences in inherited genes
	and Variation of	A Day in Review Ch.5		Video	Due: 2/17/2025	✓	Notebook	located on chromosomes.
FRI	Traits:	A Day III Review Cit.5		Slides / Pictures			Quiz	12. Develop and use models to explain how genes are expressed
	Genetics &			Assessment			Major Test	through the flow of genetic information from DNA to RNA to a
			✓	Handout / Worksheet		✓	Project/Report/Presentation	functional protein.
	Biotechnology			Chart / Graph		✓	Daily Work	<ul> <li>13. Develop and use models to explain that meiosis results in new</li> </ul>
				Map / Model			Observation	genetic combinations with increased variation. a. Construct an
			✓	Chromebook/Computer		✓	Worksheet/Handout	explanation of the advantages and disadvantages of asexual and sexual
			✓	PowerPoint			Lab/ Lab Composition	reproduction. b. Construct an
				Other:		✓	Class/Group Participation	explanation from evidence of how genetic variants may result in harmful, beneficial, or neutral effects on the structure and function of an organism.     14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organism.