Teacher:	Ericka R. Woodson	Week of: 5/19/2025-5/23/2025		Subject: 7th Grade- Life Science Period: 1st-6th		
	OBJECTIVES	ACTIVITIES	RESOURCES	HOMEWORK	EVALUATION	STANDARDS
MON	The student will learn about  Ecosystems: Interactions, Energy, & Dynamics  • Matter & Energy Flow  • Population Dynamics  • Interdependent Relationships  • Biodiversity	Spring 2025 Life Science Final Examination (1 <sup>st</sup> , 2 <sup>nd</sup> , & 3 <sup>rd</sup> periods)	Textbook Laboratory Experience Video Slides / Pictures  ✓ Assessment Handout / Worksheet Chart / Graph Map / Model Chromebook/Computer PowerPoint Other:	NONE	Oral Responses  Homework  Notebook Quiz  Major Test Project/Report/Presentation Daily Work Observation  Worksheet/Handout Lab/ Lab Composition Class/Group Participation	S6. Analyze and interpret data to predict how environmental conditions, genetic factors, and resource availability will impact the growth of individual organisms and populations of organisms in an ecosystem.  S7. Analyze and interpret data to explain how density-independent and density-dependent limiting factors in an ecosystem can lead to shifts in populations.  S8. Construct an explanation that predicts patterns of interactions between and among organisms in different ecosystems.  S9. Design a solution to maintain biodiversity and ecosystem services in a given scenario. Examples: considering economic and social factors when making decisions about parifying water, recycling nutrients, preventing soil erosion, improving conditions for threatened and endangered species  S10. Obtain, evaluate, and communicate information about characteristic animal behaviors and specialized plant structures and their effect on the probability of successful reproduction. Examples: building nest to protect young from cold, flower characteristics that attract pollinators
TUE	The student will learn about  Ecosystems: Interactions, Energy, & Dynamics  • Matter & Energy Flow  • Population Dynamics  • Interdependent Relationships  • Biodiversity	Spring 2025 Life Science Final Examination (4 <sup>th t</sup> , 5 <sup>th</sup> , & 6 <sup>th</sup> periods)	Textbook Laboratory Experience Video Slides / Pictures  Assessment Handout / Worksheet Chart / Graph Map / Model Chromebook/Computer PowerPoint Other:	NONE	Oral Responses  Homework  Notebook  Quiz  Major Test  Project/Report/Presentation  Daily Work  Observation  Worksheet/Handout  Lab/ Lab Composition  Class/Group Participation	S6. Analyze and interpret data to predict how environmental conditions, genetic factors, and resource availability will impact the growth of individual organisms and populations of organisms in an ecosystem.  S7. Analyze and interpret data to explain how density-independent and density-dependent limiting factors in an ecosystem can lead to shifts in populations.  S8. Construct an explanation that predicts patterns of interactions between and among organisms in different ecosystems.  S9. Design a solution to maintain biodiversity and ecosystem services in a given scenario. Examples: considering economic and social factors when making decisions about purifying water, recycling nutrients, preventing soil erosion, improving conditions for threatened and endangered species  S10. Obtain, evaluate, and communicate information about characteristic animal behaviors and specialized plant structures and their effect on the probability of successful reproduction. Examples: building nest to protect young from cold, flower characteristics that attract pollinators
WED	The student will learn about  Ecosystems: Interactions, Energy, & Dynamics  • Matter & Energy Flow  • Population Dynamics  • Interdependent Relationships  • Biodiversity	Spring 2025 Life Science Final Examination MAKE-UPS	Textbook Laboratory Experience Video Slides / Pictures  Assessment Handout / Worksheet Chart / Graph Map / Model Chromebook/Computer PowerPoint Other:	NONE	Oral Responses Homework Notebook Quiz Major Test Project/Report/Presentation Daily Work Observation Worksheet/Handout Lab/ Lab Composition Class/Group Participation	S6. Analyze and interpret data to predict how environmental conditions, genetic factors, and resource availability will impact the growth of individual organisms and populations of organisms in an ecosystem.  S7. Analyze and interpret data to explain how density-independent and density-dependent limiting factors in an ecosystem can lead to shifts in populations.  S8. Construct an explanation that predicts patterns of interactions between and among organisms in different ecosystems.  S9. Design a solution to maintain biodiversity and ecosystem services in a given scenario. Examples: considering economic and social factors when making decisions about parifying water, recycling nutrients, preventing soil erosion, improving conditions for threatened and endangered species  S10. Obtain, evaluate, and communicate information about characteristic animal behaviors and specialized plant structures and their effect on the probability of successful reproduction. Examples: building nest to protect young from cold, flower characteristics that attract pollinators

			Textbook	NONE	Oral Responses	S6. Analyze and interpret data to predict how
THUR	The student will learn about	End of the Year Closeout	Laboratory Experience	NONE	Homework	environmental conditions, genetic factors, and resource availability will impact the growth of individual organisms and populations of organisms in an ecosystem.
			Video		Notebook	
	_		Slides / Pictures	1	Quiz	S7. Analyze and interpret data to explain how density-
	Ecosystems:		Assessment	-	Major Test	independent and density-dependent limiting factors in an ecosystem can lead to shifts in populations.
	Interactions, Energy, &			-	Project/Report/Presentation	S8. Construct an explanation that predicts patterns of interactions between and among organisms in
	Dynamics		Handout / Worksheet	-		different ecosystems.
	Matter &		Chart / Graph	-	Daily Work	S9. Design a solution to maintain biodiversity and ecosystem services in a given scenario. Examples:
	Energy Flow		Map / Model	-	Observation	considering economic and social factors when making decisions about purifying water, recycling nutrients,
			Chromebook/Computer	-	Worksheet/Handout	preventing soil erosion, improving conditions for
	<ul> <li>Population</li> </ul>		PowerPoint		Lab/ Lab Composition	threatened and endangered species  S10. Obtain, evaluate, and communicate information
	Dynamics		Other:		Class/Group Participation	about characteristic animal behaviors and specialized plant structures and their effect on the probability of
	<ul> <li>Interdependent</li> </ul>					successful reproduction. Examples: building nest to protect young from cold, flower characteristics that
	Relationships					attract pollinators
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	<ul> <li>Biodiversity</li> </ul>					
FRI	The student will learn about  Ecosystems: Interactions, Energy, & Dynamics	End of the Year Closeout	Textbook	NONE	Oral Responses	S6. Analyze and interpret data to predict how environmental conditions, genetic factors, and resource availability will impact the growth of individual organisms and populations of organisms in an ecosystem.  S7. Analyze and interpret data to explain how density-independent and density-dependent limiting factors in
110			Laboratory Experience		Homework	
			Video		Notebook	
			Slides / Pictures		Quiz	
			Assessment	]	Major Test	an ecosystem can lead to shifts in populations.  S8. Construct an explanation that predicts patterns of
			Handout / Worksheet		Project/Report/Presentation	interactions between and among organisms in
			Chart / Graph	]	Daily Work	different ecosystems.  S9. Design a solution to maintain biodiversity and
	<ul> <li>Matter &amp;</li> </ul>		Map / Model		Observation	ecosystem services in a given scenario. Examples: considering economic and social factors when making
	Energy Flow		Chromebook/Computer	]	Worksheet/Handout	decisions about purifying water, recycling nutrients, preventing soil erosion, improving conditions for
	<ul> <li>Population</li> </ul>		PowerPoint	]	Lab/ Lab Composition	threatened and endangered species
	Dynamics		Other:	1	Class/Group Participation	<ul> <li>S10. Obtain, evaluate, and communicate information about characteristic animal behaviors and specialized</li> </ul>
	-					plant structures and their effect on the probability of successful reproduction. Examples: building nest to
	<ul> <li>Interdependent</li> </ul>					protect young from cold, flower characteristics that
	Relationships					attract pollinators
	<ul> <li>Biodiversity</li> </ul>					