Teacher: Ericka R. Woodson Week of: 4/07/2025-4/11/2025 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	**Bell Ringer**: List five ways species in a community interact. Ch.21.3-Lesson Review	✓ Textbook Laboratory Experience Video Slides / Pictures Assessment Handout / Worksheet Chart / Graph Map / Model ✓ Chromebook/Computer PowerPoint Other:	Complete any incomplete work.	✓ 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
TUE	The student will learn about…. Ecosystems: Interactions, Energy, & Dynamics • Matter & Energy Flow • Population Dynamics • Interdependent Relationships • Biodiversity	**Bell Ringer:** What is a cooperative relationship? Ch. 21 Study Guide & Review	✓ Textbook Laboratory Experience Video Slides / Pictures Assessment ✓ Handout / Worksheet Chart / Graph Map / Model ✓ Chromebook/Computer PowerPoint Other:	Complete any incomplete work.	✓ 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	**Bell Ringer:** What is a symbiotic relationship? Ch 21 Standardized Test Practice LAB PREP	✓ Textbook Laboratory Experience Video Slides / Pictures ✓ Assessment ✓ Handout / Worksheet Chart / Graph Map / Model ✓ Chromebook/Computer PowerPoint Other:	Complete any incomplete work.	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

THUR	The student will learn about…. Ecosystems: Interactions, Energy, & Dynamics • Matter & Energy Flow • Population Dynamics • Interdependent Relationships • Biodiversity	**Bell Ringer:** What are the different types of consumers? LAB: How can you model a symbiotic relationship?	✓ Textbook ✓ Laboratory Experience Video Slides / Pictures Assessment ✓ Handout / Worksheet Chart / Graph Map / Model ✓ Chromebook/Computer PowerPoint Other:	Complete any incomplete work.	✓ 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
FRI	The student will learn about…. Ecosystems: Interactions, Energy, & Dynamics • Matter & Energy Flow • Population Dynamics • Interdependent Relationships • Biodiversity	**Bell Ringer:** Identify a producer, an herbivore, a carnivore, and an omnivore?	✓ Textbook ✓ Laboratory Experience Video Slides / Pictures Assessment ✓ Handout / Worksheet ✓ Chart / Graph Map / Model ✓ Chromebook/Computer PowerPoint Other:	Complete any incomplete work.	✓ 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