Teacher: Ericka R. Woodson | Week of: 3/31/2025-4/04/2025 | 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**: What defines a population and a community? Ch. 21-Populations & Communities • Lesson 21.1 Notes • Ch. 21 Vocabulary *Virtual Assignment: Schoology Ch. 20 Test	✓ Textbook Laboratory Experience Video Slides / Pictures Assessment Handout / Worksheet Chart / Graph Map / Model Chromebook/Computer PowerPoint Other:	Work on Schoology Assignment Due: 4.3.2025	✓ 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 factors affect the size of a population? -Key Concept Builder-What defines a population? -Key Concept Builder-What factors affect the size of a population?	✓ Textbook Laboratory Experience Video Slides / Pictures Assessment ✓ Handout / Worksheet Chart / Graph Map / Model ✓ Chromebook/Computer PowerPoint Other:	Lesson 1 Review p. 746 #1-8 (Write questions and answers legibly.)	✓ 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:** How can overpopulation affect the size of a community? Lesson 21.1-Vocabulary & Spelling Test Lesson 21.2 Changing Populations Notes	✓ Textbook Laboratory Experience Video Slides / Pictures ✓ Assessment ✓ Handout / Worksheet Chart / Graph Map / Model ✓ Chromebook/Computer PowerPoint Other:	Lesson 2 Review p. 756 #1-8 (Write questions and answers legibly.)	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 4 reasons a population may decrease in size? Lesson 21.2 Content Vocabulary Enrichment: Is global warming affecting migration? LAB: What are the roles in yo0ur school community?	✓ ✓ ✓ ✓ 	Textbook Laboratory Experience Video Slides / Pictures Assessment Handout / Worksheet Chart / Graph Map / Model Chromebook/Computer PowerPoint Other:	Read Lesson 21.3 Lesson Review (p.765 #s 1-7)	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	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:** Why are predators important to a prey population? Communities, Habitats, & Niches Energy Flow Relationships in Communities	✓ ✓ ✓ ✓ ✓ 	Textbook Laboratory Experience Video Slides / Pictures Assessment Handout / Worksheet Chart / Graph Map / Model Chromebook/Computer PowerPoint Other:		✓ ✓ ✓ ✓ ✓ ✓	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