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 (1st, 2nd, & 3rd 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
TUE	The student will learn about…. Ecosystems: Interactions, Energy, & Dynamics • Matter & Energy Flow • Population Dynamics • Interdependent Relationships • Biodiversity	Spring 2025 Life Science Final Examination (4th t, 5th, & 6th 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
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FRI	The student will learn about…. Ecosystems: Interactions, Energy, & Dynamics • Matter & Energy Flow • Population Dynamics • Interdependent Relationships • Biodiversity	**End of the Year Closeout**	☐ 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