

Biology Remote Learning
Subject: Biology

WEEK 1 3/16 - 3/20	Monday	Tuesday	Wednesday	Thursday	Friday
Standards	SB5	SB5	SB5	SB5	SB5
Opening	QOTD: What evidence do you have that living organisms require non-living things?	QOTD: Hyenas are often thought of as scavengers but are also traditional carnivores. A lone hyena feeds mostly on dead animals or may steal meat from another carnivore. Hyena packs may work together to hunt creatures. Predict the effect that the Hyenas would have on the Pride Land ecosystem. Please mention specific organism populations that will be directly and indirectly impacted by the hyena's presence in the ecosystem.	QOTD: Succession is the order in which organisms (plants, animals, & bacteria) return to an ecosystem. Rank the organisms in the order in which they would return after an volcanic eruption <ul style="list-style-type: none"> • Herbivore • Producer • Scavenger 	QOTD: Why do you think Simba is so "grossed out" by the grub and Timon is not? Predict the long term impact that Simba's "new diet" would have on the ecosystem.	QOTD: Research and briefly explain why each of the following elements is important to the environment <ul style="list-style-type: none"> • Carbon • Nitrogen • Phosphorous • Water
Work Period	1. Lecture w/ Notetaking: Ecology Notes slides 1-30 2. Day 1 Lion king practice sheet	1. Lecture w/ Notetaking: Ecology Notes slides 43-51 2. Day 2 Lion king practice sheet	1. Lecture w/ Notetaking: Ecology Notes slides 52 - 58 2. Ecological Concepts Lion King Project	1. Lecture w/ Notetaking: Ecology Notes slides 101 - 104 2. Ecological Concepts Lion King Project	1. Lecture W/ Cornell Notes: Review posted Cornell 2. Ecological Concepts Lion King Project
Closing	Edpuzzle Video Recap: Food Webs & Energy Pyramids	Edpuzzle Video Recap: Ecological Relationships	Edpuzzle Video Recap: Ecological Succession	Edpuzzle Video Recap: Adaptations	Edpuzzle Video Recap: Carbon & Nitrogen Cycles

Week 2 3/23 - 3/27	Monday	Tuesday	Wednesday	Thursday	Friday
Standards	SB5	SB5	SB5	SB5	SB5
Opening	QOTD: Research then define the word sustainability. List 5 ways you can contribute to a sustainable environment.	QOTD: Rank the following human impacts to the environment from most harmful (5) to least harmful (1). Discuss your thought process in your rankings. <ul style="list-style-type: none"> • Deforestation • Pollution • Hunting 	QOTD: Review the following terms: Carrying capacity and limiting factors. Would it be possible to live in a world with no limiting factors or an ecosystem with an unlimited carrying capacity?	QOTD: Name the 8 major biomes found around the world. Which biome(s) can be found in Georgia?	Please ensure you have completed all applicable QOTD's from all the remote learning days.
Work Period	1. Ecological Concepts Lion King Project	1. Lecture w/ Notetaking: Biodiversity and Human Impact Notes (ALL Slides) 2. Ecological Concepts Lion King Project	1. Lecture w/ Notetaking: Ecology Notes slides 32 – 42 2. Ecological Concepts Lion King Project	1. Lecture w/ Notetaking: Ecology Notes slides 59 - 100 2. Ecological Concepts Lion King Project	1. Finalize and submit Ecological Concepts Lion King Project
Closing	Edpuzzle Video Recap: Autotrophs and Heterotrophs	Edpuzzle Video Recap: Bio magnification	Edpuzzle Video Recap: Limiting factors	Quizizz Checkpoint practice #1	Quizizz Checkpoint practice #2