

Please review the topics we learned about during this unit to prepare for the upcoming quizzes and test.

1) *Biodiversity and Ecological Niches*

Quiz Date: _____

- Activities we did (check off the items if you have them):
 - ☐ Introduction to Biodiversity
 - ☐ Section 4.2 Ecological Interactions
 - ☐ Ecological Niche Activity
- You should be able to (check off the items you can do):
 - ☐ Describe the importance of biodiversity
 - ☐ Identify symbiotic relationships (competition, commensalism, parasitism, mutualism, predation)
 - ☐ Define and use the following vocab terms:
 - ☐ Abiotic Factor
 - ☐ Biodiversity
 - ☐ Biotic Factor
 - ☐ Commensalism
 - ☐ Competition
 - ☐ Mutualism
 - ☐ Niche
 - ☐ Parasitism
 - ☐ Predation
 - ☐ Symbiosis
- Textbook: Section 6.1 (pages 166-167) and Section 4.2
- Quizlet link: https://quizlet.com/_3yi6hd

My Studying Plan:

The topics I need the most help with are...	This is what I will do understand the topics: <ul style="list-style-type: none"> <input type="checkbox"/> Go on Quizlet <input type="checkbox"/> Read the textbook sections <input type="checkbox"/> Ask someone to quiz me <input type="checkbox"/> Review my notes <input type="checkbox"/> Make a concept map <input type="checkbox"/> Study with a friend <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ 	I will study at the following days and times:
--	--	--

- Activities we did (check off the items if you have them):
 - ☐ Population Growth Notes
 - ☐ African Lions: Modeling Populations
- You should be able to (check off the items you can do):
 - ☐ Identify the conditions required for exponential growth
 - ☐ Identify limiting factors that slow and stop population growth
 - ☐ Describe factors that can increase or decrease a population size
 - ☐ Use a graph to interpret causes of population change
 - ☐ Analyze and compare relationships between the factors that affect the carrying capacity of populations within an ecosystem
 - ☐ Define and use the following vocab terms:
 - ☐ Birthrate
 - ☐ Carrying capacity
 - ☐ Death rate
 - ☐ Density-dependent limiting factors
 - ☐ Density-independent limiting factors
 - ☐ Emigration
 - ☐ Exponential growth
 - ☐ Immigration
 - ☐ Limiting factors
 - ☐ Logistic growth
 - ☐ Population
- Textbook: Sections 5.1 and 5.2
- Quizlet link: https://quizlet.com/_3zco7t

My Studying Plan:

<p>The topics I need the most help with are...</p>	<p>This is what I will do understand the topics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Go on Quizlet <input type="checkbox"/> Read the textbook sections <input type="checkbox"/> Ask someone to quiz me <input type="checkbox"/> Review my notes <input type="checkbox"/> Make a concept map <input type="checkbox"/> Study with a friend <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ 	<p>I will study at the following days and times:</p>
---	---	---

- Activities we did (check off the items if you have them):
 - ☐ Succession Notes
 - ☐ Succession Packet
 - ☐ Wolf Effect
- You should be able to (check off the items you can do):
 - ☐ Evaluate how changes in an existing ecosystem's conditions affect the population numbers and biodiversity
 - ☐ Identify factors that cause ecological disturbances.
 - ☐ Describe the reasons that primary and secondary succession occur
 - ☐ Define and use the following vocab terms:
 - ☐ Primary succession
 - ☐ Ecological succession
 - ☐ Secondary succession
 - ☐ Pioneer species
 - ☐ Climax community
 - ☐ Symbiosis
- Textbook: Section 4.3
- Quizlet link: https://quizlet.com/_3zdgi5

My Studying Plan:

<p>The topics I need the most help with are...</p>	<p>This is what I will do understand the topics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Go on Quizlet <input type="checkbox"/> Read the textbook sections <input type="checkbox"/> Ask someone to quiz me <input type="checkbox"/> Review my notes <input type="checkbox"/> Make a concept map <input type="checkbox"/> Study with a friend <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ 	<p>I will study at the following days and times:</p>
---	---	---

- Activities we did (check off the items if you have them):
 - ☐ Habitat Loss Webquest
 - ☐ Invasive Species: INVASION!!
 - ☐ Human Population Growth
 - ☐ Pollution Packet
 - ☐ Understanding Overfishing
 - ☐ Climate Change Notes
 - ☐ Scientists Say Millions Could Flee Rising Seas Article
 - ☐ Evidence of Climate Change Activity
 - ☐ Using Models to Predict Future Patterns
 - ☐ Sustainability Project
- You should be able to (check off the items you can do):
 - ☐ Describe how human activities reduce biodiversity.
 - ☐ Describe the causes and effects of the 3 types of habitat loss.
 - ☐ Explain how invasive species threaten native species.
 - ☐ Describe how increasing human population growth decreased biodiversity.
 - ☐ Identify causes and effects of air, land, and water pollution.
 - ☐ Explain how increased amounts of greenhouse gases cause climate change.
 - ☐ Describe and analyze solutions to reduce the impact of human ecological footprints on ecosystems
 - ☐ Define and use the following vocab terms:
 - ☐ Biomagnification
 - ☐ CFCs
 - ☐ Climate
 - ☐ Climate Change (Global Warming)
 - ☐ DDT
 - ☐ Ecological Footprint
 - ☐ Endangered Species
 - ☐ Fossil fuels
 - ☐ Greenhouse Effect
 - ☐ Habitat degradation
 - ☐ Habitat destruction
 - ☐ Habitat fragmentation
 - ☐ Habitat loss
 - ☐ Invasive species
 - ☐ Native species
 - ☐ Pollution
 - ☐ Weather
- Textbook: Chapter 6
- Quizlet link for Habitat Loss, Invasive Species, Population Growth, Pollution, and Overfishing: https://quizlet.com/_42t483
- Quizlet link for Climate Change: https://quizlet.com/_42t57x

My Studying Plan:

<p>The topics I need the most help with are...</p>	<p>This is what I will do understand the topics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Go on Quizlet <input type="checkbox"/> Read the textbook sections <input type="checkbox"/> Ask someone to quiz me <input type="checkbox"/> Review my notes <input type="checkbox"/> Make a concept map <input type="checkbox"/> Study with a friend <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ 	<p>I will study at the following days and times:</p>
---	---	---

