

Scope and Sequence

Subject/Title of Unit	Grade	6 Weeks	Estimated Time Frame (# of days)
Science Ecosystems and the Environment	Seventh	6 th Six Weeks	3 Weeks
TEKS/Student Expectations		Examples/Specifications:	
<p>(5)</p> <p>(B) observe and describe the role of ecological succession in maintaining an equilibrium in an ecosystem.</p> <p>(12)</p> <p>(A) identify components of an ecosystem;</p> <p>(B) observe and describe how organisms including producers, consumers, and decomposers live together in an environment and use existing resources;</p> <p>(C) describe how different environments support different varieties of organisms; and</p> <p>(D) observe and describe the role of ecological succession in ecosystems.</p>		<p>5 A- explain how an ecosystem maintains equilibrium</p> <p>12 A- Identify components of an ecosystem</p> <p>12 B, C, and D- Discuss producers, consumers, and decomposers and how they are supported in an ecosystem together</p>	
Language of Instruction:		Instructional Resources/Textbook Correlations:	

Ecosystem	Dispersal	Conditioning	Prentice Hall Science Explorer and Guided Reading Workbook Chapter 17 18 and 19
Biotic factors	Native species	Artificial	
Abiotic factors	Exotic species	Intelligence	Weblinks/Other Resources:
Habitat	Biome	Imprinting	
Species	Adaptation	Territory	
Niche	Desert	Courtship behavior	
Producer	Grassland	Society	
Consumer	Savanna	Hibernation	
Herbivore	Tundra	Migration	
Carnivore	Permafrost	Renewable	
Omnivore	Estuary	resources	
Scavenger	Community	Inexhaustible	
Decomposer	Succession	resources	
Food chain	Behavior	Nonrenewable	
Food web	Instinct	resources	
Selective cutting	Sustainable yield	Clear-cutting	
Fishery	Biodiversity	Extinction	
Endangered species	Threatened species		
Evaluation/External Assessment/Local Assessment:			Best Instruction Timeline:
Teacher Test Illustrate an ecosystems equilibrium and energy flow			3 days- How energy flows in an ecosystem 3 days- Equilibrium in a ecosystem 3 days- Earth's Biomes 3 days- Behavior of animals and birds 3 days- Explain the different regions of the world and how that relates to the types of organisms found in that area