

Essential Questions	Concept	Objectives
What is biodiversity?	It is the measure of the variety and number of different living organisms that are present in a particular ecological system.	To know the meaning of biodiversity
How is biodiversity important?	Biodiversity allows ecosystems to respond with flexibility to damage or change. The more diverse the ecosystem the more options there are to respond to change-such as the decline of one prey species.	To be able to explain why biodiversity is so important
How is biodiversity measured?	When scientists measure the amount of biodiversity in a particular place, they identify and number the amount of different species and then they count the population of the species.	To be able to explain how biodiversity is measured
Do animal populations fluctuate?	It can change over time; every population has a maximum size it can reach before it exceeds the available habitat. It can soar briefly but numbers will drop when resources are not available.	To be able to explain that animal populations can fluctuate and why
What is a limiting factor?	It is what keeps the animal population from increasing beyond capacity, like shortage of food, water and shelter.	To be able to explain the limiting factor