

Essential Questions	Concept	Objectives
What is Ecology?	It is the scientific study of interactions of organisms with one another and with the physical and chemical environment.	To know what ecology is.
Although it includes the study of environmental problems such as pollution, what is ecology's main focus?	The main focus of ecology is the research on natural world from many view points, using many different techniques.	Knowing the main reason of ecology.
What does modern ecology rely on?	Modern Ecology relies heavily on experiments, both laboratory and in the field.	To know what modern ecology relies on.
Why is the understanding of ecology essential for the survival of the human species?	It's essential because our populations are increasing rapidly and we are in grave danger of outstripping the earth's ability to supply the resources that we need for our long term survival.	Knowing why ecology is essential for the human species.
What does ecology have to do with evolution?	Ecology is a science that contributes to our understanding of evolution, including our own evolution as species.	Knowing what they have in common.
How are ecology and evolution alike?	All evolutionary change takes place in response to ecological interactions that operate on the population, community, ecosystem, biome and biosphere levels.	How they are alike.
What do the basic principles of ecology teach us as humans to understand?	They allow us to understand the structure and function of each level of organization in nature, examining the levels from the biosphere down to the population.	To know what the basic principles teach us human beings.