

Ecology - Part 1



Introduction to Ecology

Learning Objectives

- Explain how biotic and abiotic factors influence an ecosystem

Think-Pair-Share



Think about the world you live in and everything that exists in it.

What do you think the word “ecology” means?



What is Ecology?



Eco = house

ology = the study of



Ecology - the study of the interactions that organisms have with each other and their environment.

Life → Biotic



All the living parts of an environment that live together and interact with one another

Not or
without

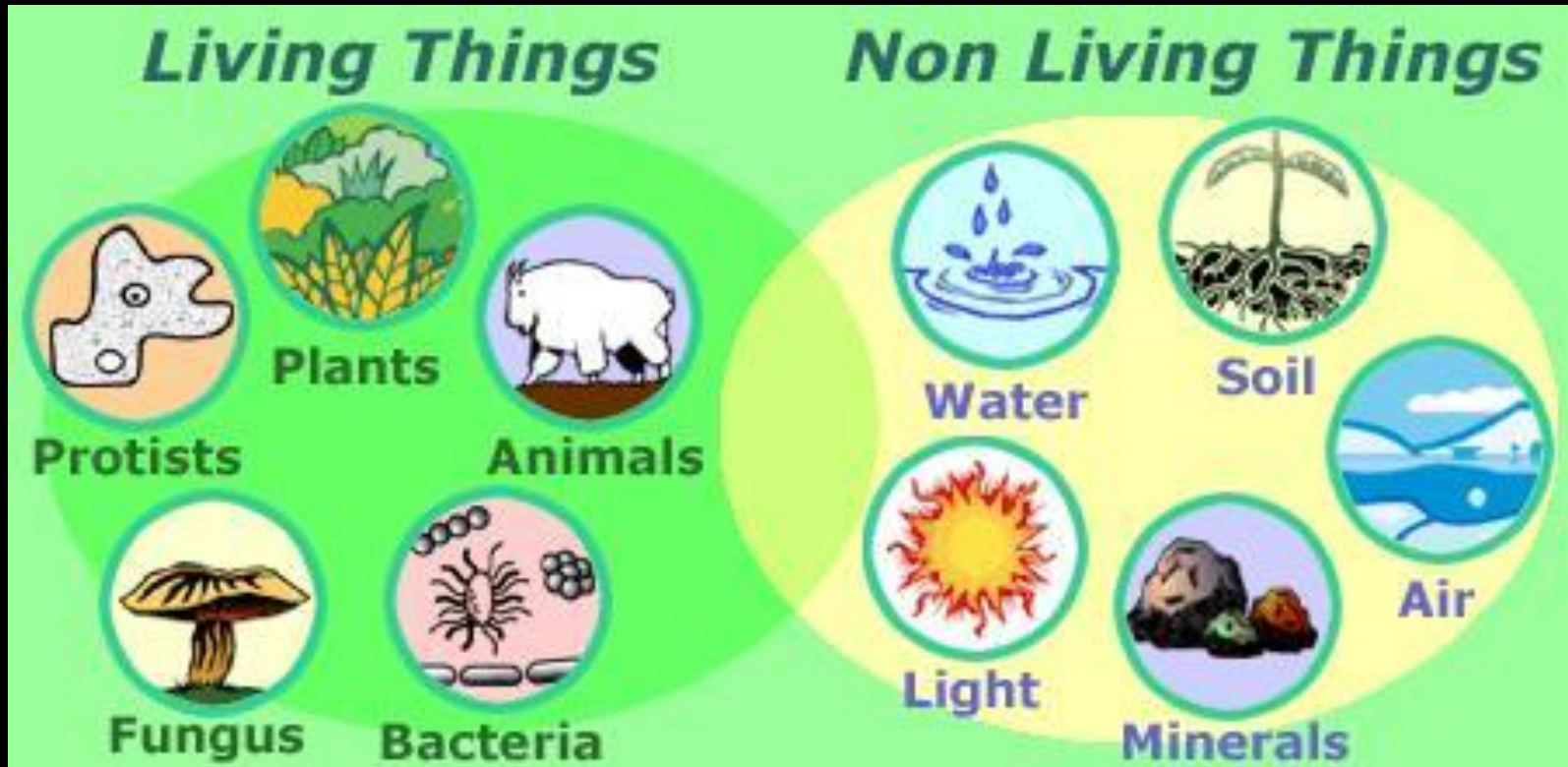


Abiotic



All the non-living parts of an environment
(physical factors)

Interdependence



- No organism is isolated.
- All organisms are interconnected.
- Non-living things affect living things

Habitat



Habitat - Place where an organism or community of organisms live, including all biotic and abiotic factors or conditions

Niche



Niche is the role a species plays in a community. It includes how a species uses and affects its environment.

YouTube

Abiotic vs Biotic

Stop Here

