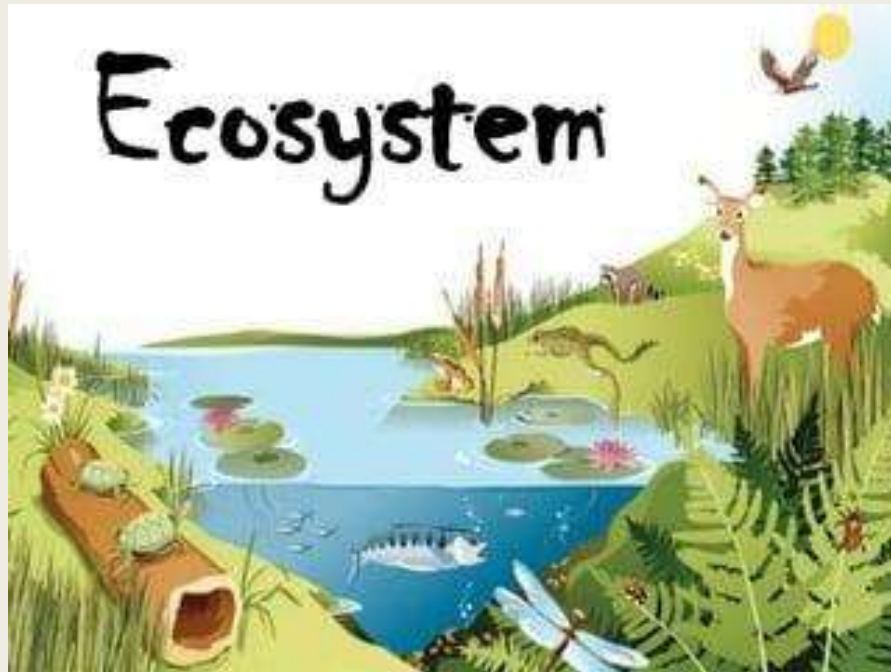




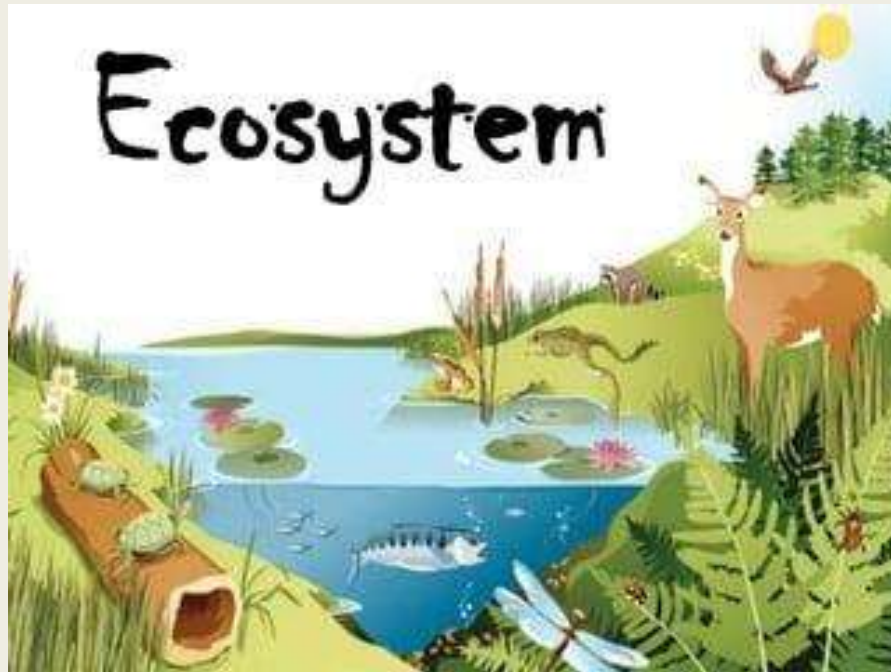
# Review: Ecosystems

What is an  
Ecosystem?



An ecosystem is  
a physical  
environment  
and all the  
living and  
nonliving things  
in it.

What is an  
Ecosystem?(Fill  
in the blank!)



An ecosystem is  
a physical  
environment  
and all the living  
and non-living  
things in it.

# Biotic



Fungi



Plants



Animals



Protists



Archare



Bacteria

Living things in an ecosystem are called **biotic factors**.

# Biotic



Fungi



Plants



Animals



Protists



Archaea



Bacteria

Fill in the  
blank!

Living things  
in an  
ecosystem  
are called  
biotic factors.



## EXAMPLES OF BIOTIC FACTORS:

Humans, Plants & Trees, Animals, Bugs, and Fungi

# Abiotic



Soil



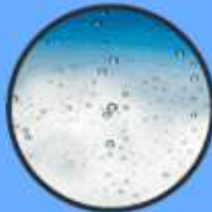
Light



Water



Air



Humidity



Temperature

Non-living things in an ecosystem are called **abiotic factors**.

# Abiotic



Soil



Light



Water



Air



Humidity



Temperature

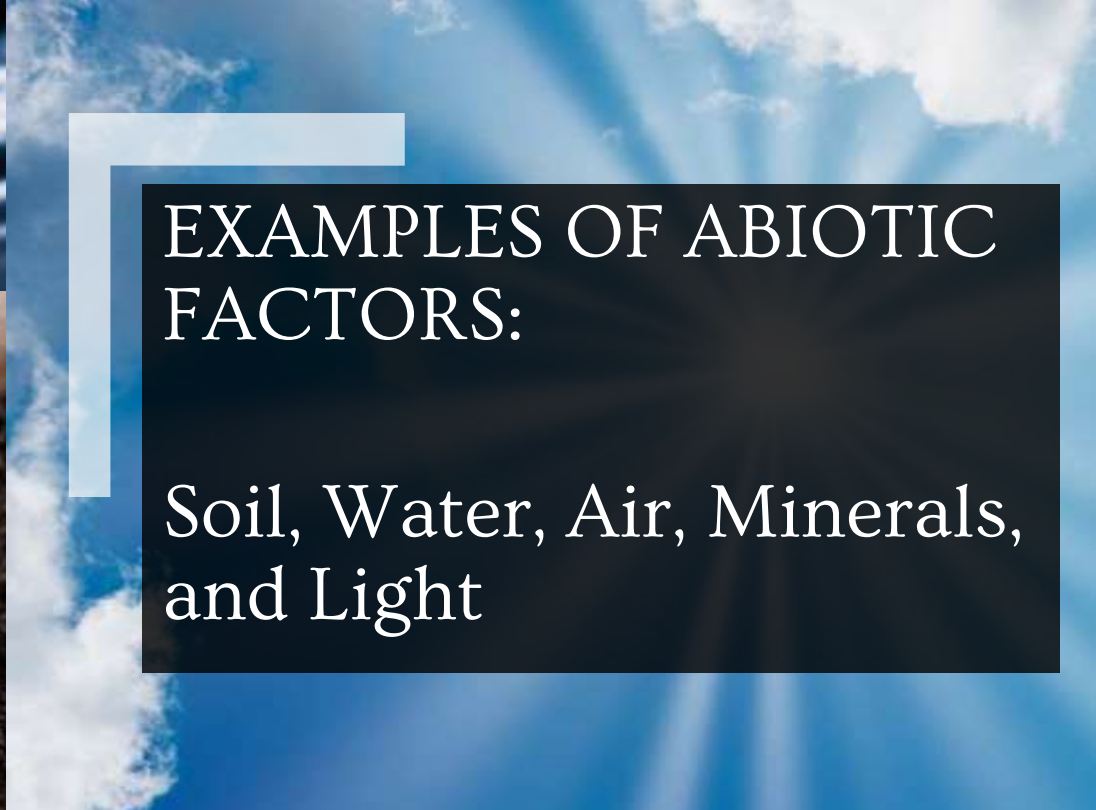
Fill in the  
blank!

Non-living  
things in an  
ecosystem  
are called

abiotic

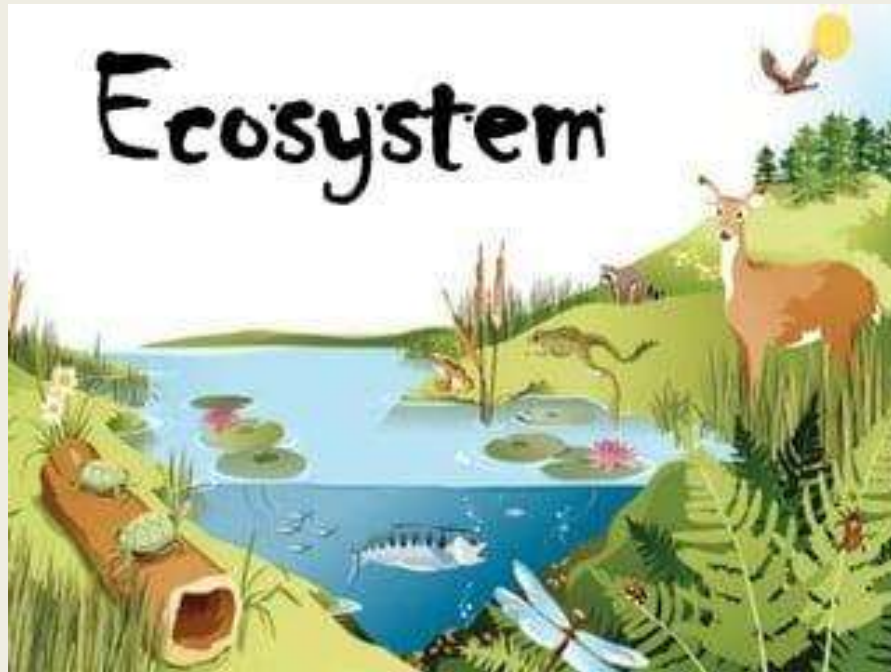
factors.





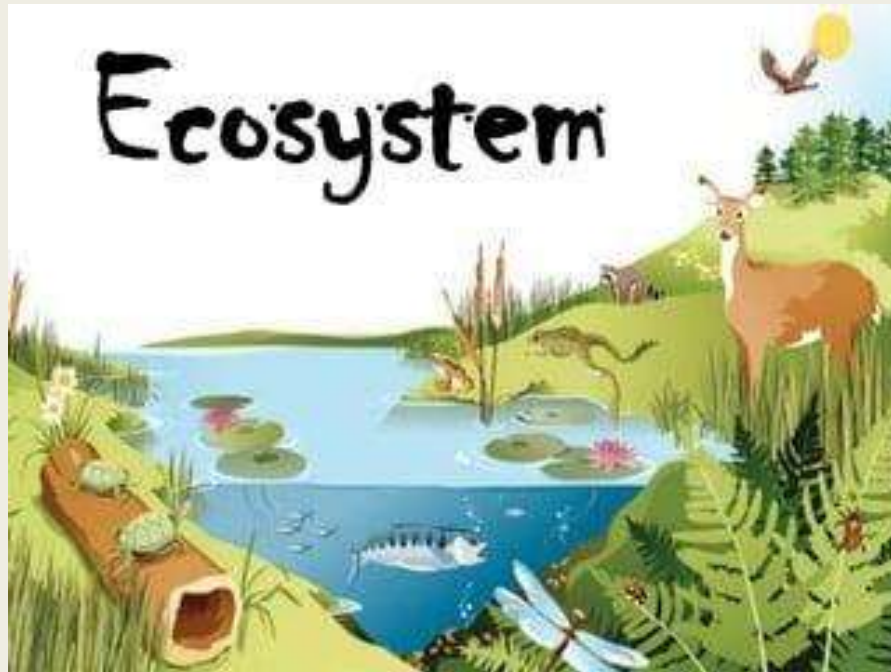
## EXAMPLES OF ABIOTIC FACTORS:

Soil, Water, Air, Minerals,  
and Light



Ecosystems are classified in two different ways:

1. Based on the environment they are in
2. Based on human intervention



Fill in the blank!

Ecosystems are classified in **two** different ways:

1. Based on the **environment** they are in
2. Based on **human** **intervention**



Types of ecosystems based on the environment they are in:

- Terrestrial - rainforests, deserts, savannahs
- Aquatic - rivers, lakes, oceans



Types of ecosystems based on human intervention:

- Natural - humans have not changed the environment
- Artificial - humans have created them, like parks

# Types of Terrestrial Ecosystems

- Tropical Rainforest
- Hot Desert
- Savannah



# Terrestrial Ecosystems can be influenced by

- amount of light from the sun
- temperature
- type of soil
- amount of rainfall



Aquatic Ecosystems can be marine ecosystems, that have a lot of salt, or freshwater ecosystems.

Marine  
Ecosystem



Freshwater  
Ecosystem





A herd of zebras in a savanna landscape. The zebras are in the foreground, with some looking towards the camera and others looking away. The background shows a hazy savanna with trees and mountains under a warm, golden light. The text is overlaid on a white rectangular area on the left side of the image.

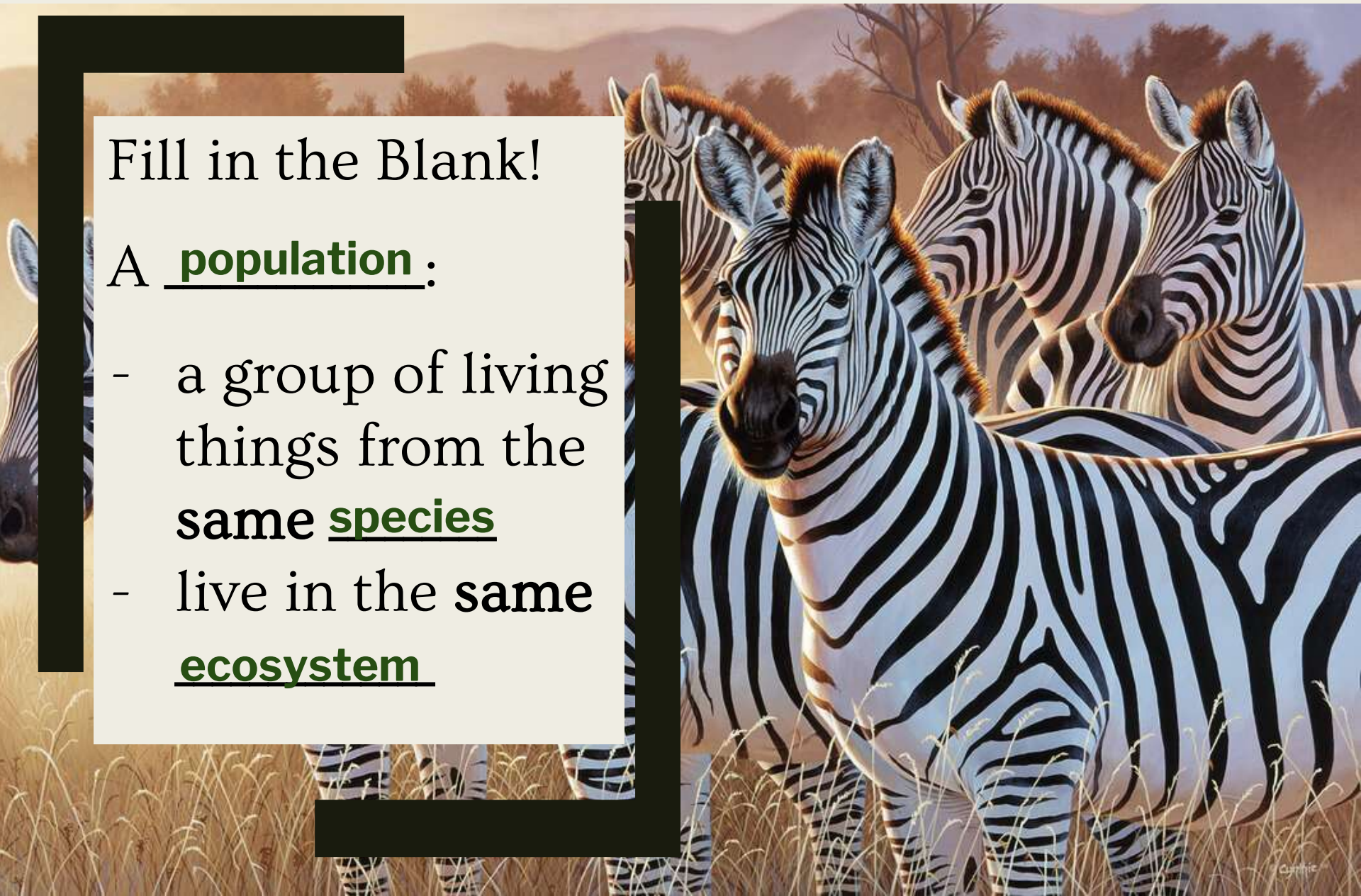
## A population:

- a group of living things from the same species
- live in the same ecosystem

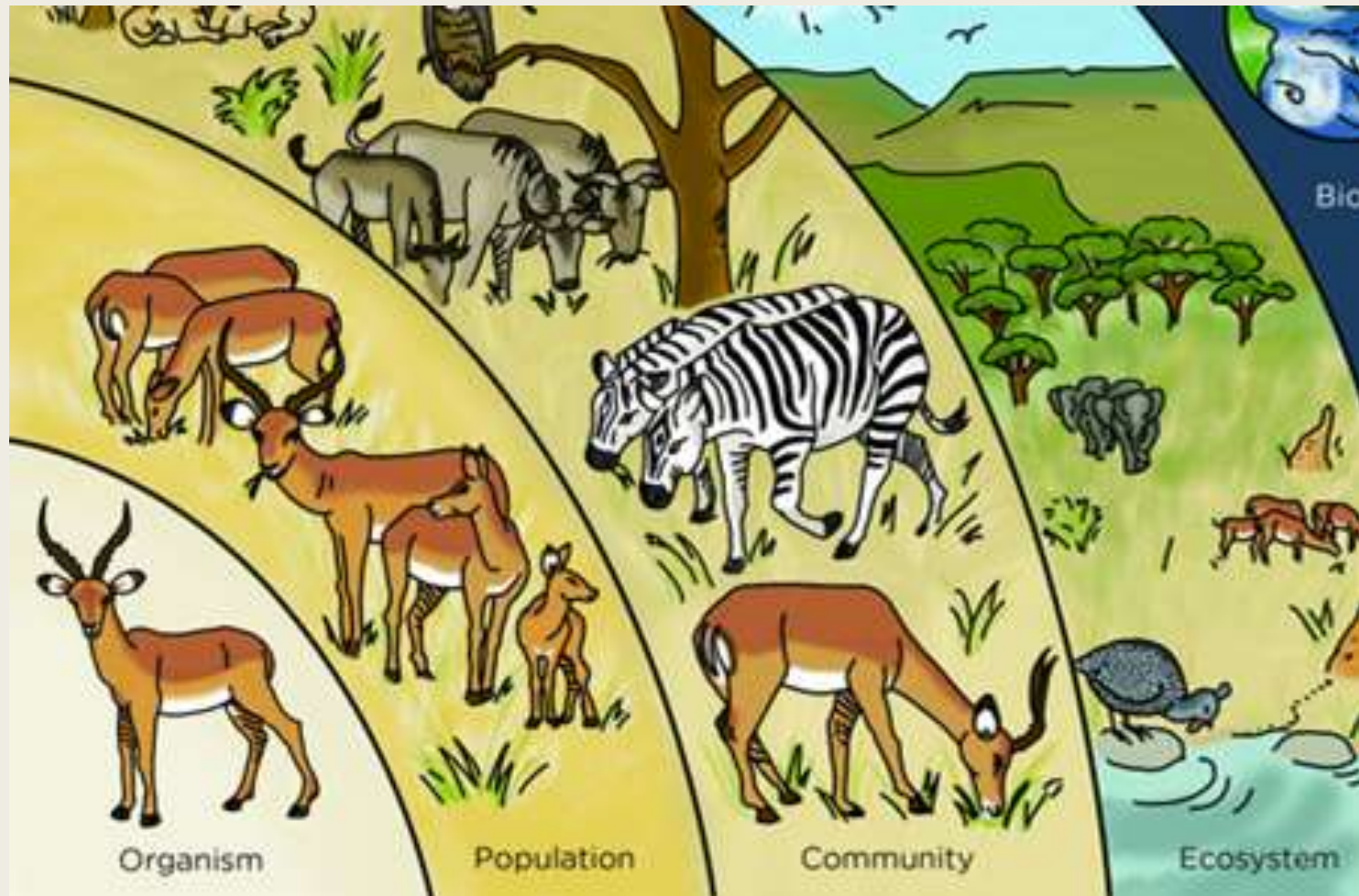
Fill in the Blank!

A population :

- a group of living things from the same species
- live in the same ecosystem

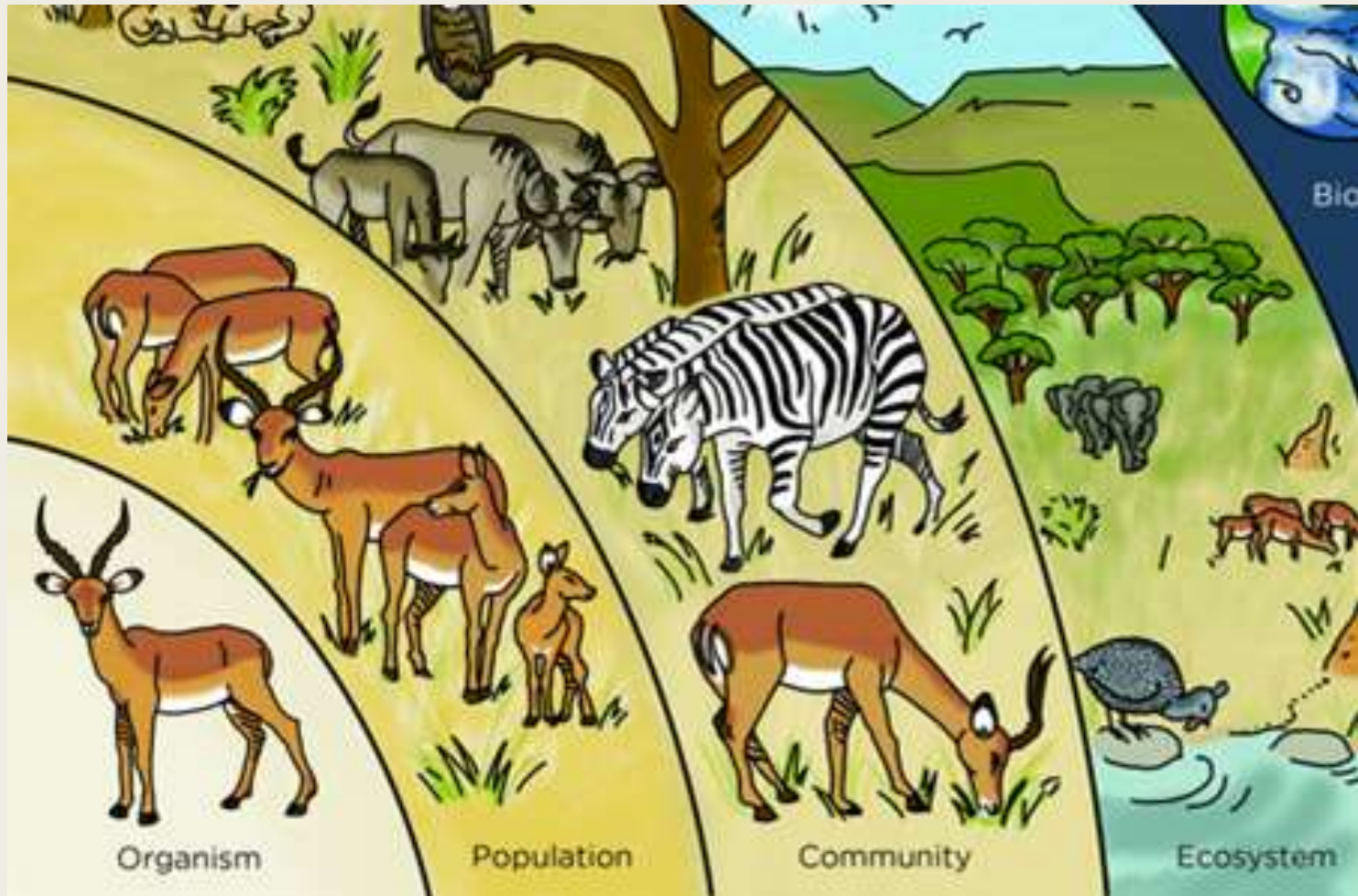


A **community** is a group of populations that live in the **same ecosystem**.



# Fill in the Blank!

A community is a group of populations that live in the same ecosystem.



Relationships  
between members  
of the **same**  
species: **families**  
and **groups**





Relationships between members of different species, or two different types of living things, is called **symbiosis**.

# Different Types of Symbiosis Relationships

- **Mutualism** - a relationship where both living things benefit
- **Commensalism** - a relationship where one living thing benefits and the other is not affected
- **Parasitism** - a relationship where one living thing benefits and the other is harmed



# Producers

Living things that make their own food. Ex.  
Plants





# Primary Consumers

Herbivores that eat producers.

Ex. Rabbits and cows



Vocab:  
Herbivores  
=  
herbívoros



# Secondary Consumers

Carnivores and omnivores that eat primary consumers.

Ex. Lions and bears

Vocab:

carnivores = carnívoros

omnivores = omnívoros

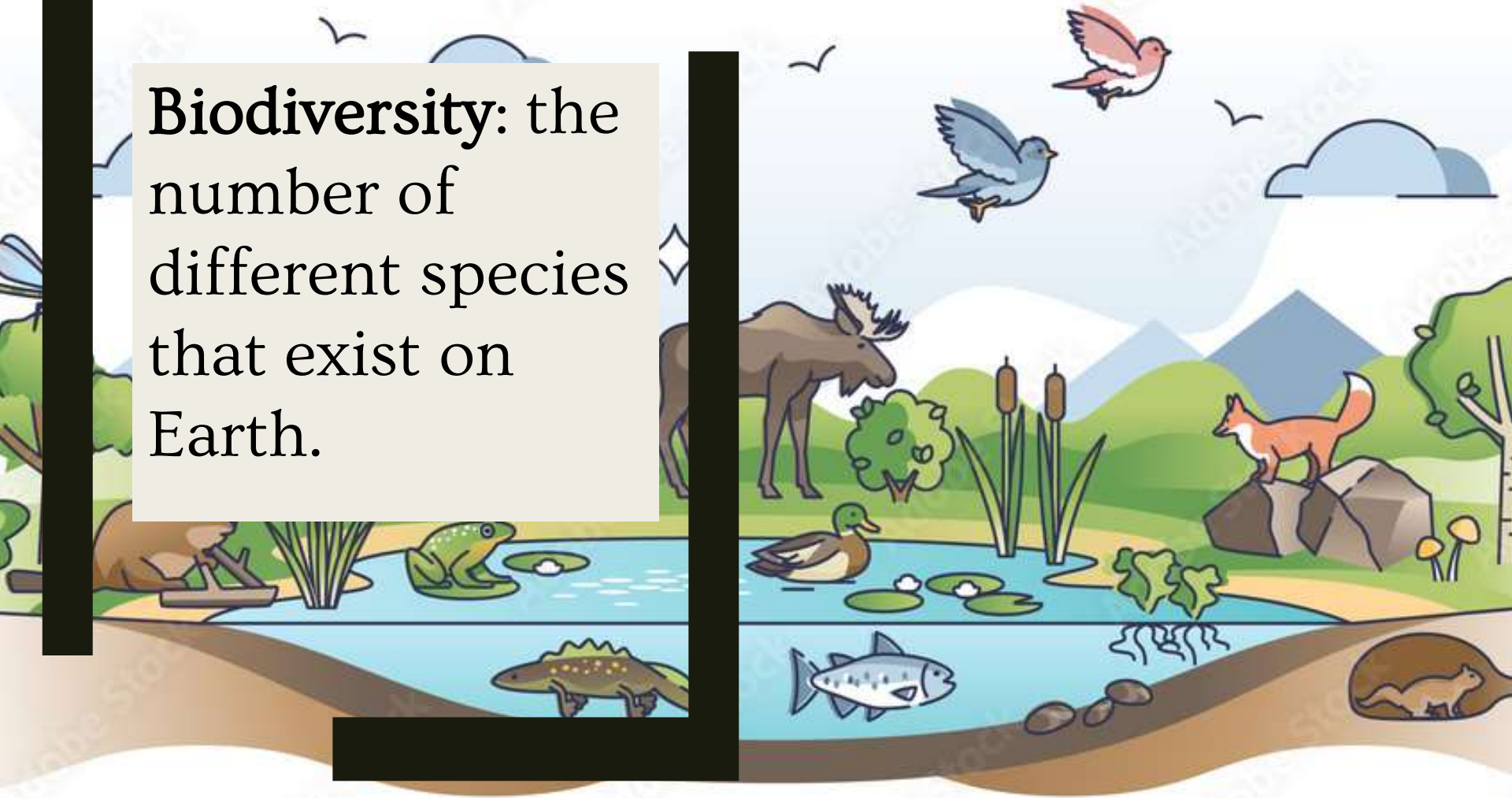


# Decomposers

Living things that eat the remains of other living things. Ex. Fungi



**Biodiversity:** the number of different species that exist on Earth.



Fill in the blank!

**Biodiversity:** the number of different species that exist on Earth.





Pop Quiz!

What are the two types of ecosystems based on the environment they are in?



Terrestrial &  
Aquatic!



Pop Quiz!

What are the two types of ecosystems based on human intervention?





Natural &  
Artificial!

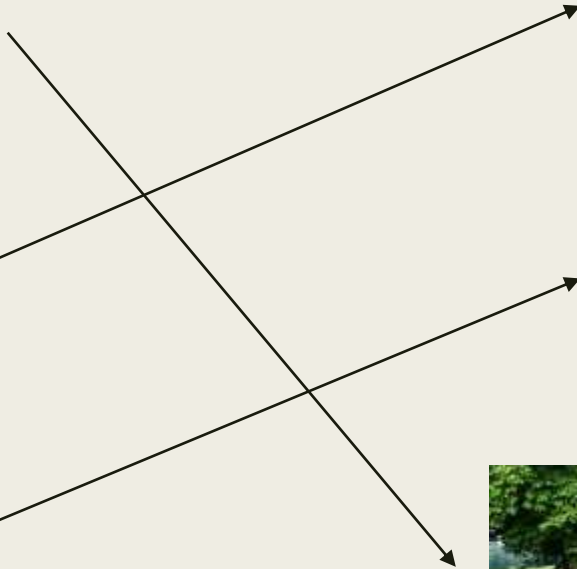
# MATCH TO THE PICTURE :

## Biotic Factors

Plants & Trees

Animals

Bugs



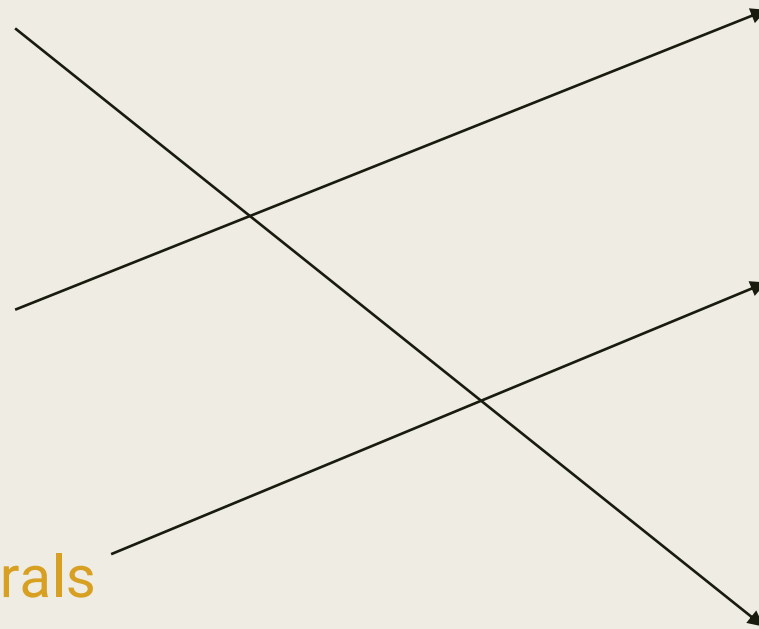
# MATCH TO THE PICTURE :

## Abiotic Factors

Air

Soil

Minerals



# MATCH TO THE PICTURE :

## Terrestrial Ecosystems

Tropical Rainforest

Savannah

Hot Desert



# MATCH TO THE PICTURE :

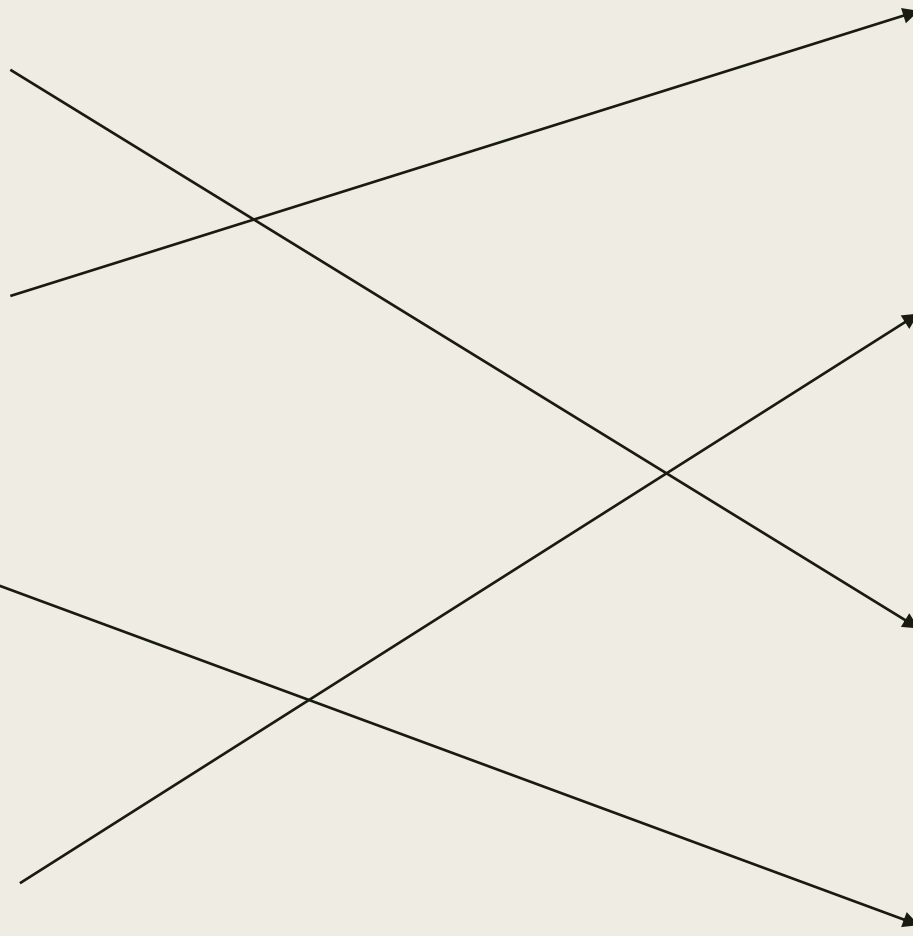
## Factors affecting Terrestrial Ecosystems

Type of soil

Amount of sunlight

Amount of rainfall

Temperature



# MATCH TO THE PICTURE :

## Food Chains

Decomposers

Producers

Primary  
Consumers

Secondary  
Consumers

