

Name: _____

Pd: _____ Date: _____

Unit 4: Ecology

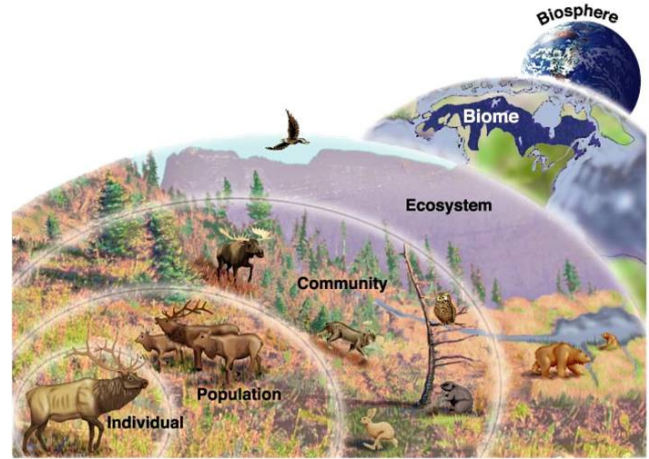
(Eco – house or environment) & (Logy – study of)

What is meant by Ecology?

What is meant by an ecosystem?

We will begin this unit with the idea of how humans influence our ecosystems. It is important to understand the connection between biotic and abiotic interactions within a system.

<https://www.youtube.com/watch?v=GlnFylwdYH4>



Looking at the image below, can you identify three biotic factors and three abiotic factors?

Biotic	Abiotic



What is the difference between biotic factors and abiotic factors?

Abiotic = _____

Biotic = _____

What is a Biome?

- largest division of our biosphere which contain large regions of similar abiotic and biotic components

Looking through the biomes handout list the eight Terrestrial Biomes and give a characteristic for each:

BIOME	Characteristic	BIOME	Characteristic
1.		5.	
2.		6.	
3.		7.	
4.		8.	

What are the two main factors that determine the characteristics of each Biome on our earth?

How do humans influence our ecosystems?

<https://www.youtube.com/watch?v=2RC3Hsk90t8> (watch 0 mins – 5:30 mins)

What is meant the carrying capacity of our biosphere?

What have we done as humans to increase our carrying capacity for our Earth?

In class Activity: In the space below, brainstorm how humans have influenced our ecosystems...