

Science 1206

Unit 1: Sustainability of Ecosystems



Never give up!

Student Name: _____

Date: _____

Group Members:

Lakes, rivers, forest, deserts, and meadows can be classified as natural ecosystems. Natural ecosystems are places that haven't been planned or maintained by humans, although human may live in them. Natural ecosystems do not need to be large, but they do need to hold a community of living things. A very small ecosystem is called a microorganism.

Ecosystem: _____

Parts of an ecosystem can be class as

1) Biotic Factor: _____

2) : Abiotic Factor _____

Which ecosystem would you find on the back of the school?

Flora(Plants)	Fauna(animals)	Abiotic Factors

Habitat versus Niche

	Definition	Example
Habitat		
Niche		

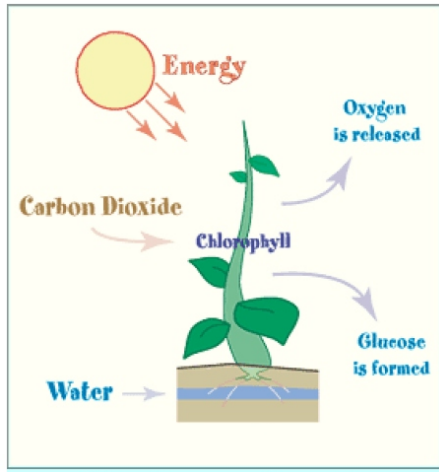
Symbiotic Relationship: _____

Example:

1. Autotroph: _____

Examples: _____

Write the Formula for Photosynthesis



2. Heterotroph _____

Can be a _____ that ONLY eats plants (producers),
 a _____ that eats BOTH plants and animals, or a
 _____ that ONLY eats other animals.

Examples:

Herbivores	Omnivores	Carnivores

3. Decomposers: _____

Examples: _____

4. Scavengers: _____

Examples: _____

Food Chains and Food Webs

Food Chain: _____

- The energy for all consumers and decomposers is _____
- Arrows show the direction of _____

Draw a food chain:

Tropic Level: _____

Use the words below to label the food chain correctly

Primary Consumer

tertiary consumer

Secondary Consumer

Sun

Producer



What percentage of energy is lost as you move from one level to the next? _____%

What is the maximum number of links in a food chain? _____

Food Web: : _____