

# Ecosystem Unit: Created by Rachael Coleman 2017

Vocabulary:

Which of the following is NOT an example of symbiosis

- a) you planting trees
- b) you making a goal in soccer
- c) dandelion in your yard
- d) cleaning dog poo off of your friend's shoe

Ecosystem is

- a) Interaction of organisms with their environment
- b) Interaction of the environment with organisms
- c) Interaction of organisms with each other and their environment
- d) Biotic and abiotic factors

Which is an example of predation

- a) a bird on a hippo
- b) a cat and a bird
- c) a bull dog and a lab dog
- d) you and your parents

Which would you NOT should not be on a food chain

- a) sun
- b) fungi
- c) dirt
- d) rock

Consumers are classified as consumers because they

- a) consume other organisms
- b) consume the sun's rays
- c) consume each other
- d) are consumed by other organisms

All of the following are characteristics of climax community

- a) the plants and animals are small
- b) the community is older
- c) the community is diverse
- d) the community is stable

Ecology is the study of

- a) life
- b) plants and animals
- c) recycling
- d) forests

Example(s) of populations

- a) marine environment
- b) dogs
- c) cat
- d) frogs in a pond

A niche is:

- a) you picking up dog poop
- b) you eating food your parents provided
- c) you being a student
- d) you owning a bike

All are examples of mutualism, except:

- a) your mom holding a cold rag on your head as your vomit
- b) you picking up dog poop
- c) your teachers getting paid to teach you
- d) you getting revenge on your enemy

A food web:

- a) always starts with the sun
- b) is a single line of energy
- c) includes recyclers
- d) is really a cycle of energy

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A habitat would include

- a) a tree
- b) a rock
- c) a home
- d) a desert

Pioneer Species are

- a) species that roam to a new land
- b) species that ride in a covered wagon
- c) species that first appear after disaster
- d) species that are carried away to populate in a new land

Adaptations include:

- a) fish that can "breathe" in water
- b) the buzzing sound a bee makes
- c) trout that are camouflage to their environment
- d) frogs that have strong back legs to jump

All of the following are true of producers, except

- a) they use sun to make food
- b) they include plants
- c) they are at the top of the food chain
- d) they can recycle

Which of the following is/are nonexamples of commensalism

- a) you mowing the lawn
- b) being a teacher
- c) a bird eating a worm
- d) helping your sibling clean their room

What is/are the main reason(s) for extinction

- a) humans
- b) ecosystems changing into climax community
- c) natural disasters
- d) global change in temperature

Recyclers are important to the environment because

- a) they reduce, reuse and replenish
- b) they feed on decaying matter
- c) they provide nutrients to plants
- d) they keep energy cycling through the environment

Look at the graph below and explain the changes in the populations:

(Graph is Missing—Cannot do.)

Name 10 factors that would contribute to the change in an ecosystem and explain what the causes and effects would be.

Go into googleclassroom and open the assignment that says Extinct. Watch the video read the article and explain why **one of the following:** Ivory Cuban Billed Woodpeckers, Pyrenean Ibex, or Tasmanian Tiger are going extinct.