

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

## Ecology Worksheet

You will find all answers in your textbook and in the ecosystem study guide handout

Educate for



### Completion

Complete each sentence or statement.

1. Groups of animals and plants that are adapted to similar conditions form a \_\_\_\_\_.
2. All of the living and nonliving elements in a particular place is called a(n) \_\_\_\_\_.
3. There can be several \_\_\_\_\_ in an ecosystem.
4. When there are enough resources for every living thing in an ecosystem, the ecosystem is \_\_\_\_\_.
5. \_\_\_\_\_ is the energy of moving water converted to electricity.
6. Fuels formed from the remains of ancient plant and animal life are called \_\_\_\_\_.
7. When fossil fuels are burned they form water and \_\_\_\_\_ and release energy.
8. Resources that can be continually replaced are called \_\_\_\_\_.
9. Energy drawn from heated water within Earth's crust is called \_\_\_\_\_.
10. Cellular respiration produces water, energy, and \_\_\_\_\_.
11. The contamination of the air, water, or soil is called \_\_\_\_\_.
12. Pollutants such as smoke, dust, and acid droplets are called \_\_\_\_\_.
13. Gasoline, paint thinner, and lighter fluid release \_\_\_\_\_ into the atmosphere.
14. \_\_\_\_\_ is the pollutant caused by the incomplete combustion of fossil fuels.
15. \_\_\_\_\_ comes from petroleum refineries, smelters, paper mills, and coal-burning power plants.
16. An increase in Earth's temperature due to an increase in greenhouse gases is called \_\_\_\_\_.
17. \_\_\_\_\_ results from the release of oxides of sulfur and nitrogen into the air.
18. \_\_\_\_\_ is the increase in the amount of nutrients, such as nitrates, in an environment.
19. \_\_\_\_\_ is a chemical, used in the paper-making process, that has been linked to an increased risk of cancer.
20. Trash and garbage can be disposed of legally by taking it to a \_\_\_\_\_.
21. Breaking down discarded material for reuse in other products is called \_\_\_\_\_.
22. Arrange the following classifications in order of their abundance within the ecosystem, beginning with the most abundant.  
primary consumers   decomposers   tertiary consumers   primary producers   secondary consumers
23. Water, carbon, nitrogen and phosphorus move through biotic and abiotic things on Earth through processes called \_\_\_\_\_.