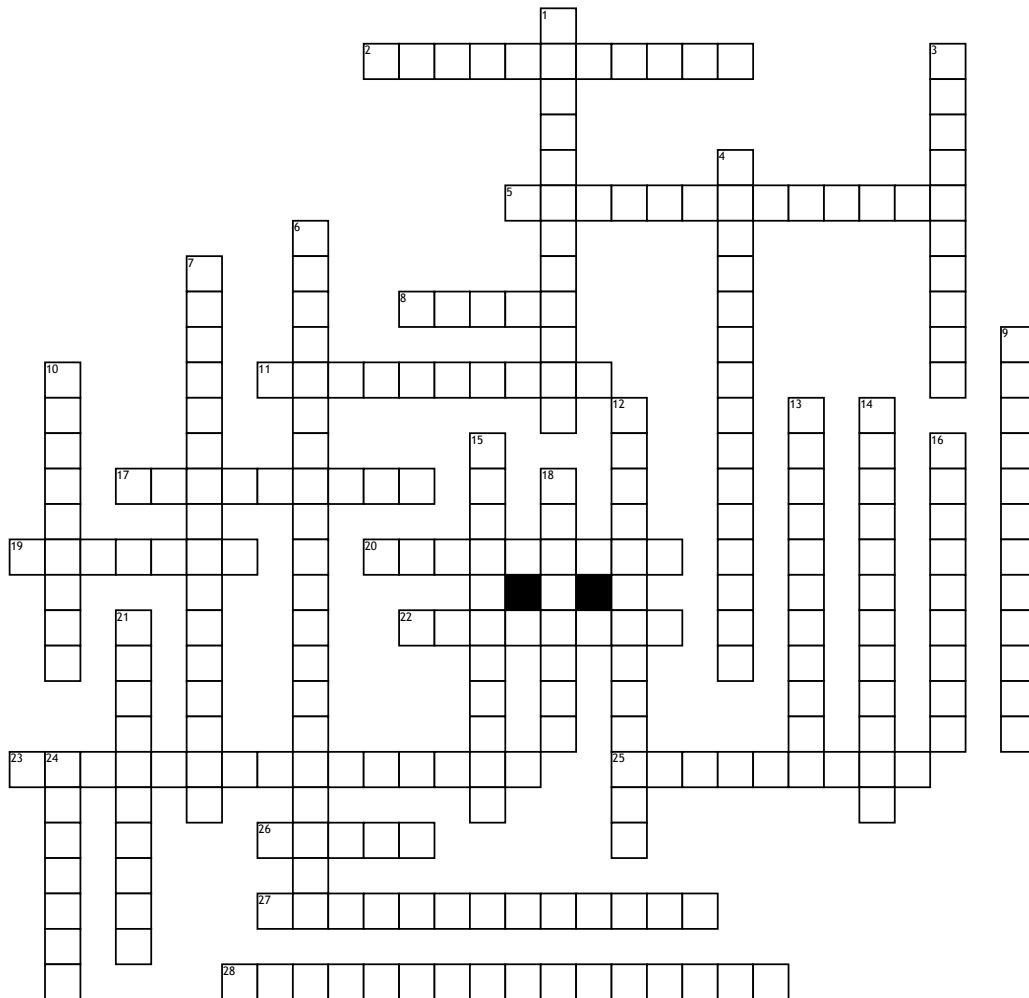


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# ecology vocab



## Across

2. biochemical process in which the cells of an organism obtain energy by combining oxygen and glucose  
 5. refers to the cycle of nitrogen atoms through the living and non-living systems of Earth.  
 8. the role and position a species has in its environment  
 11. are organisms that break down dead or decaying organisms  
 17. the preying of one animal on others.  
 19. the weather conditions prevailing in an area in general or over a long period.  
 20. interaction between two different organisms living in close physical association, typically to the advantage of both.  
 22. An organism that generally obtains food by feeding on other organisms  
 23. the process by which phosphorus moves through the lithosphere, hydrosphere, and biosphere.  
 25. a group of people living in the same place or having a particular characteristic in common.  
 26. a large naturally occurring community of flora and fauna occupying a major habitat, e.g. forest or tundra.

27. a graphical model of energy flow in a community.  
 28. the number of people, other living organisms, or crops that a region can support without environmental degradation

## Down

1. position in a food chain or ecological pyramid  
 3. a number of people or things sharing a specified characteristic and following one after the other.  
 4. a species on which other species in an ecosystem largely depend, such that if it were removed the ecosystem would change drastically.  
 6. two species that compete for the exact same resources cannot stably coexist.  
 7. includes more than what an organism eats or where it lives.  
 9. an association between two organisms in which one benefits and the other derives neither benefit nor harm.  
 10. symbiosis that is beneficial to both organisms involved.  
 12. a phrase relating to ecology defining the actual space that an organism inhabits  
 13. when two or more species reciprocally affect each other's evolution

14. the variety of life in the world or in a particular habitat or ecosystem.  
 15. the process in which carbon travels from the atmosphere into organisms and the Earth and then back into the atmosphere.  
 16. a biological community of interacting organisms and their physical environment.  
 18. An autotrophic organism capable of producing complex organic compounds from simple inorganic molecules through the process of photosynthesis  
 21. is a relationship between two things in which one of them (the parasite) benefits from or lives off of the other, like fleas on your dog.  
 24. the natural home or environment of an animal, plant, or other organism.

## Word Bank

Symbiosis	Competitive exclusion	Predation	Fundamental niche	Mutualism
Succession	Commensalism	Keystone species	Carbon cycle	ecosystem
Niche	Biome	biodiversity	Nitrogen cycle	habitat
consumer	Energy pyramid	Phosphorus cycle	Climate	community
Parasitism	producer	Realized niche	Trophic level	Carrying capacity
Respiration	decomposer	Coevolution		