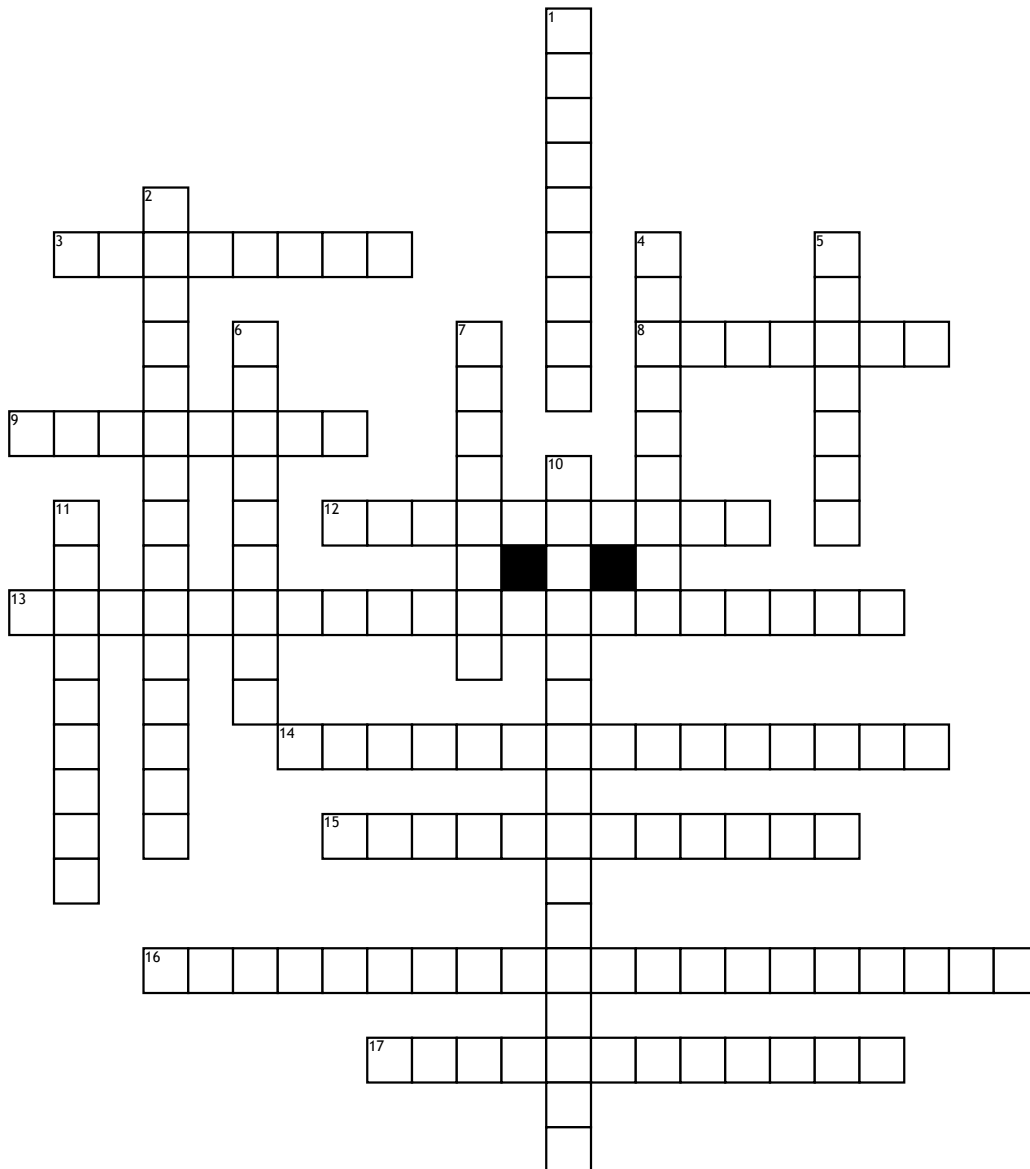


Name: _____

Date: _____

Science



Across

3. A heterotrophic organism that feeds on other organisms in a food chain.
8. The branch of biology that deals with the relations of organisms to one another and to their physical surroundings.
9. An organism that eats both meat and plant-life
12. It is defined as a group of individuals of the same species living and interbreeding within a given area.
13. competitive exclusion principle, sometimes referred to as Gause's law of competitive exclusion
14. A species whose presence and role within an ecosystem has a disproportionate effect on other organisms within the system

15. Biotic factors affect populations of organisms.
16. The increasing concentration of toxic substances within each successive link in the food chain.
17. It is the variety within and between all species of plants, animals and micro-organisms and the ecosystems within which they live and interact.

Down

1. Symbiosis which is beneficial to both organisms involved.
2. This type of species can harm the local economy or human health. Many garden pests are considered invasive species
4. This is a biological interaction where a predator feeds on its prey.

5. This is an important conceptual tool for illustrating the feeding relationships among species within a community
6. This science is the study of inter-relationships among the living organisms.
7. It needs to be able to take energy from the sun and make its own food.
10. The maximum, equilibrium number of organisms of a particular species that can be supported indefinitely in a given environment.
11. A series of organisms each dependent on the next as a source of food.