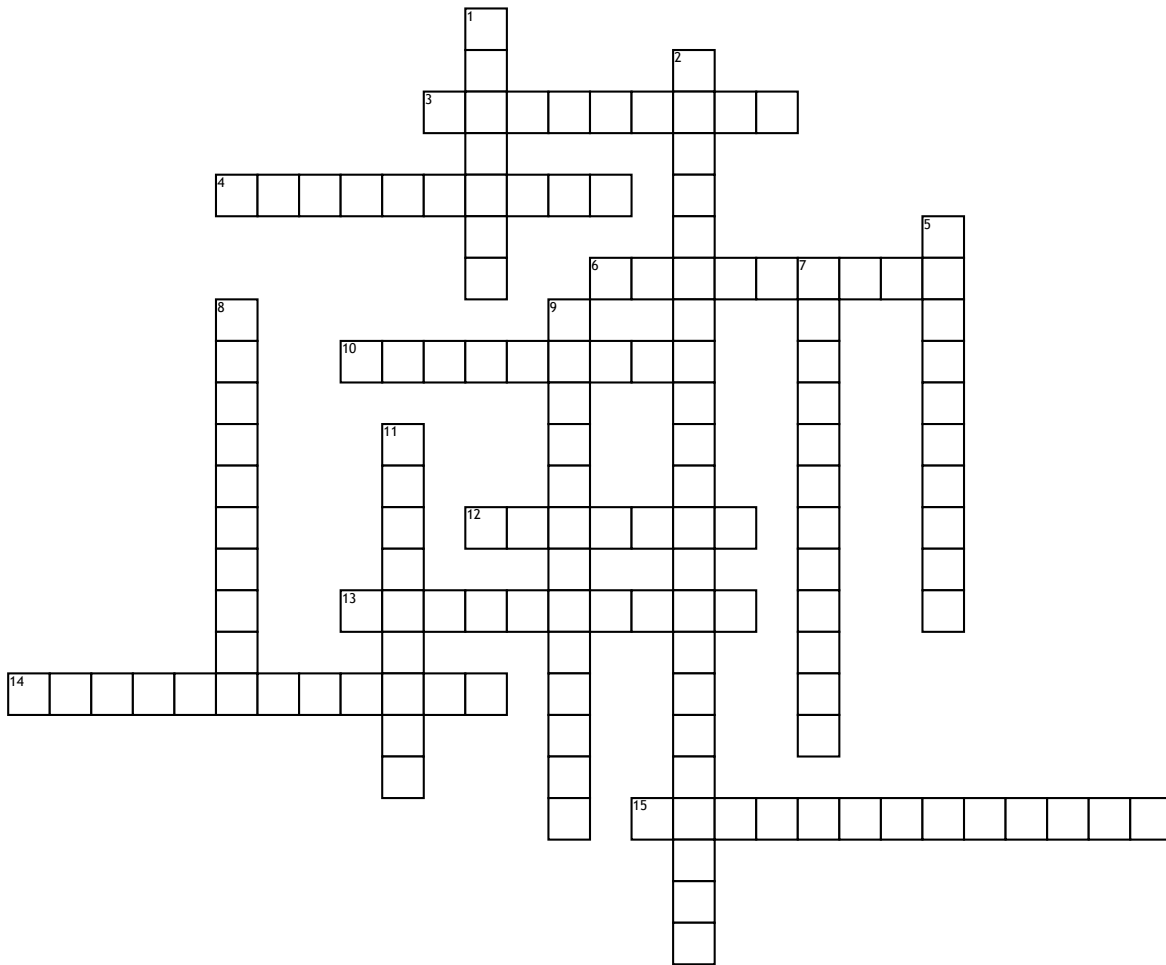


Unit #8 Ecology



Across

3. All the organisms that inhabit a particular area; an assemblage of populations of different species living close enough together for potential interaction
4. Organisms that capture energy from physical or chemical sources in the environment
6. The pathway along which food energy is transferred from trophic level to trophic level, beginning within producers
10. Organisms that lack efficient internal mechanisms to regulate and maintain body temperatures

12. A bunch of interconnected food chains

13. An interaction where one species benefits at the harm of another

14. An interaction where one species benefits but the other is not harmed or helped

15. A diagram that shows the amount of energy that moves to one feeding level to another in a food web

Down

1. The study of how organisms interact with each other and their environment

2. The name of the equation used to measure species diversity

5. Organisms that use thermal energy generated by metabolism to maintain homeostatic body temperatures

7. Organisms that capture energy present in carbon compounds produced by other organisms

8. Organisms of the same species in a particular area

9. The amount of energy expended by an animal over a specific amount of time

11. An interaction between two species where both species benefit