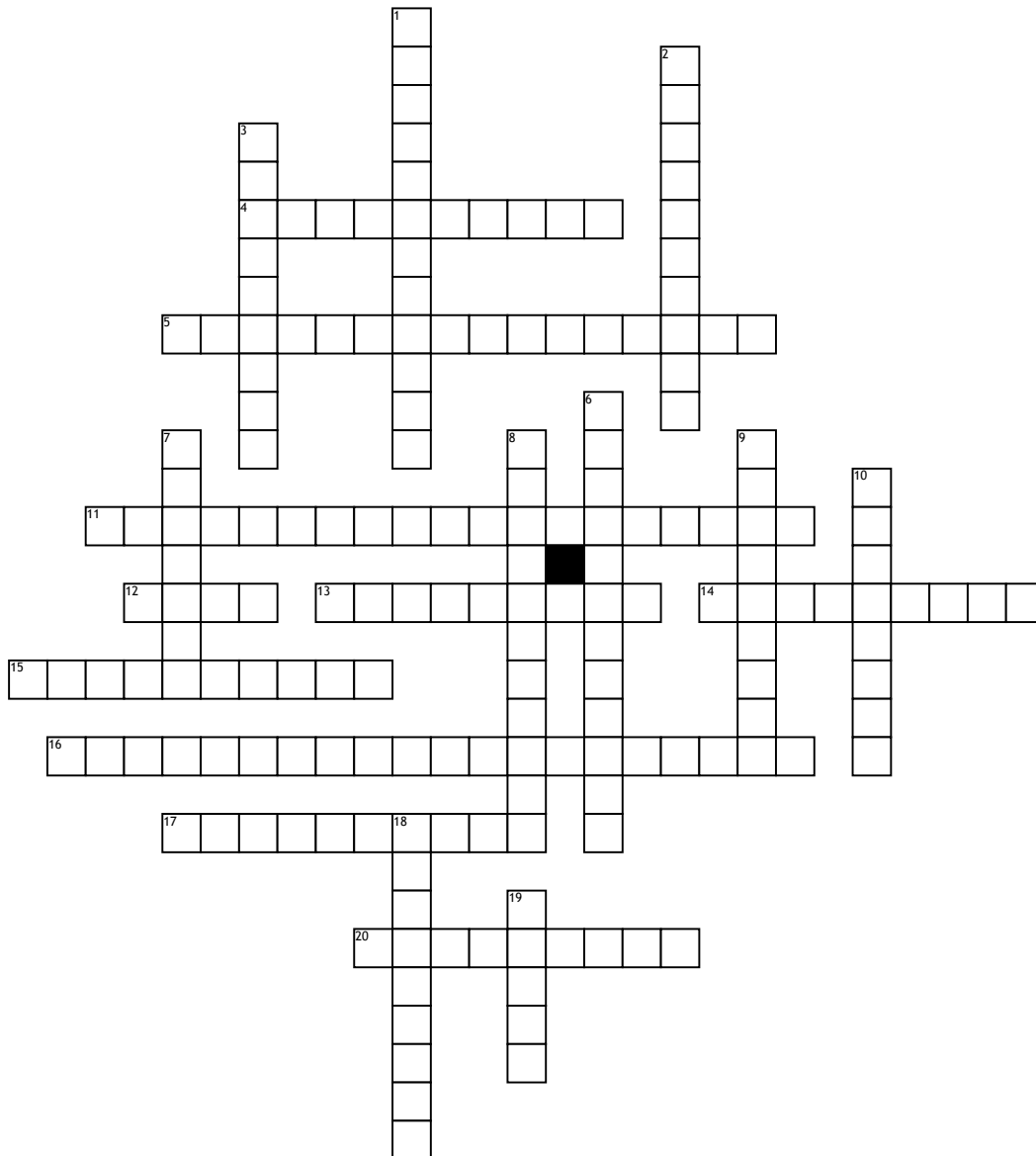


# Chapter 5 Lesson 1 & 2



**Across**

- 4. The disappearance of all members of a species from Earth
- 5. A natural process resulting in the evolution of organisms best adapted to the environment.
- 11. The breeding of plants and animals to produce desirable traits.
- 12. A segment of DNA on a chromosome that codes for a specific trait
- 13. A relationship in which two different organisms live in close association with each other
- 14. A relationship between two species in which both species benefit

- 15. A relationship in which one organism lives on or in a host and harms it.
- 16. differentiation of niches that enables similar species to coexist in a community
- 17. The formation of new and distinct species in the course of evolution
- 20. interaction in which one animal (the herbivore) feeds on producers (such as plants)

**Down**

- 1. A relationship between two organisms in which one organism benefits and the other is unaffected
- 2. A feature that allows an organism to better survive in its environment

- 3. An interaction in which one organism kills another for food.
- 6. A change in the gene pool of a population due to chance
- 7. Ability of an organism to survive and reproduce in its environment
- 8. Process by which two species evolve in response to changes in each other
- 9. Change over time
- 10. A change in a gene or chromosome.
- 18. The ability to survive and reproduce under a range of environmental circumstances
- 19. An organism's particular role in an ecosystem, or how it makes its living.