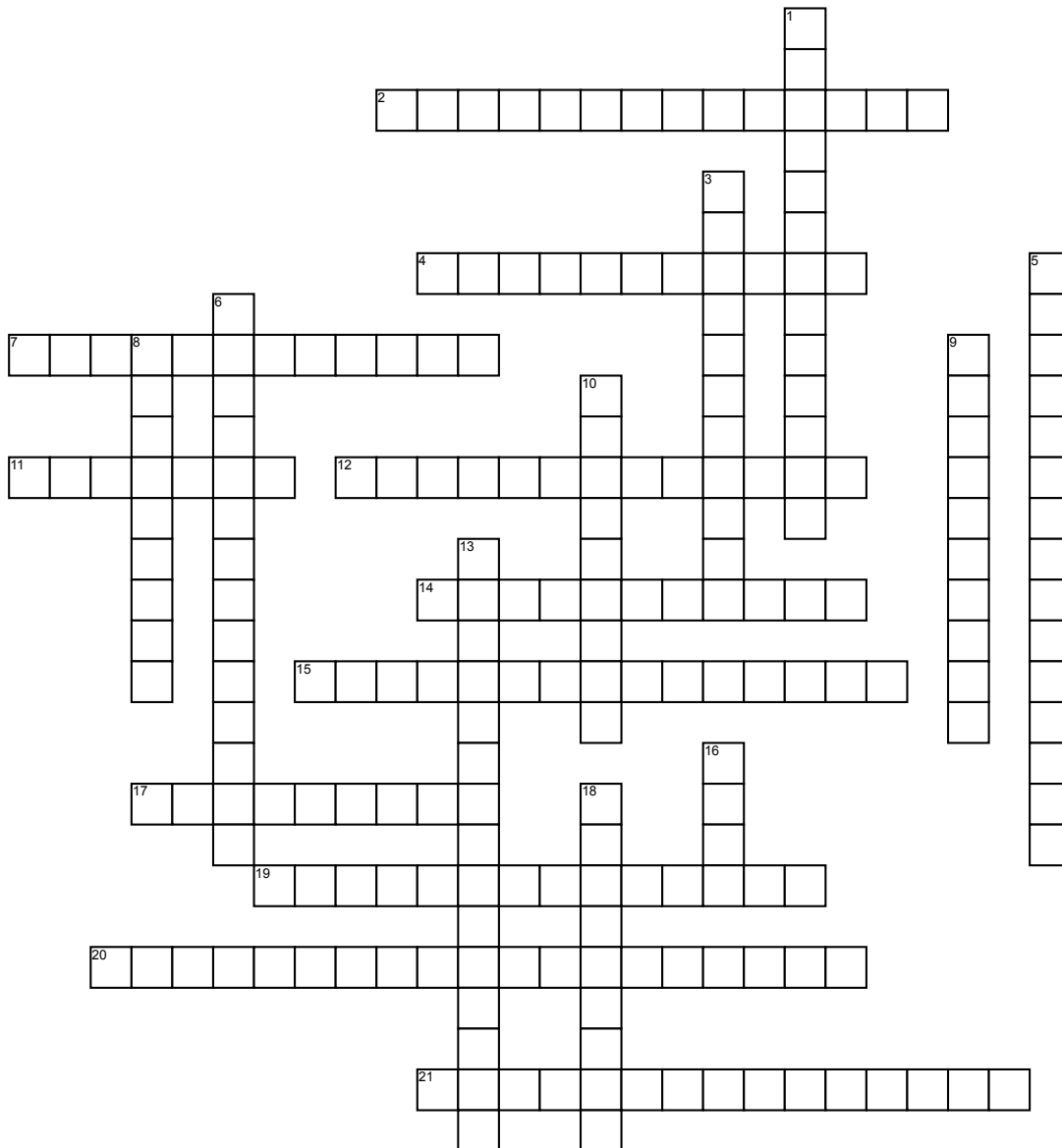


# Chapter 2 Crossword



**Across**

- 2. The use of microorganisms or other forms of life to clean up the environment.
- 4. A model that shows the loss of energy from one trophic level to another.
- 7. The different steps of a food chain.
- 11. Models of a feeding relationship within an ecosystem.
- 12. The process of sediment being deposited.
- 14. Organisms such as fungi and bacteria that change dead organisms into usable nutrients.
- 15. A way to measure chemical accumulation.
- 17. Models that show the flow of energy from plant to animal and from animal to animal.

- 19. A chemical reaction in plants that converts solar energy into chemical energy.
- 20. The process of plants and animals releasing carbon dioxide back into the atmosphere.
- 21. The process of returning nitrogen to the atmosphere.

**Down**

- 1. The process of plants obtaining nitrogen from ammonium.
- 3. High-density metallic elements which are toxic to organisms at low concentrations.
- 5. The buildup of chemicals in a living organism.
- 6. The action of living organisms such as bacteria breaking down dead organic matter into simpler substances.

- 8. Plants are called these because they create their own food.
- 9. Breaking Down rocks into smaller fragments.
- 10. Organisms that feed on plants and other organisms.
- 13. A species that greatly affects the health of an ecosystem.
- 16. Synthetic chemicals that were used from 1930s to the 1970s.
- 18. Important components of nutrient cycles in the biosphere.