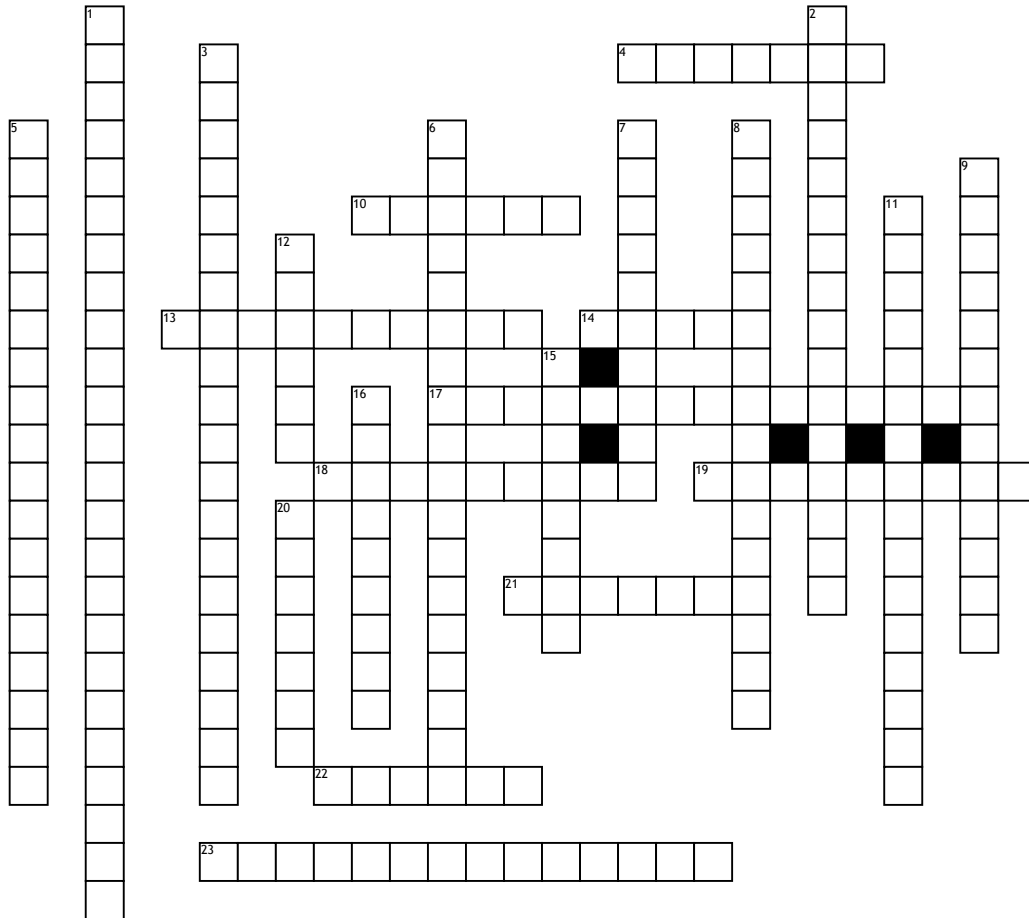


# Ecology with Save a Species PBL



**Across**

- 4. A group of similar organisms that can breed and produce fertile offspring.
- 10. Very low temperatures, very little rainfall, mostly as snow. Very small trees, a few herbs, mosses and lichens
- 13. A water biome with low salt concentration. Ex. ponds, rivers, streams
- 14. A Biome characterized by cold winters and cool summers, richly packed with evergreen trees and shrubs, furry mammals, birds, cold water fish, etc.
- 17. a species that is not normally in the ecosystem and disrupts the food web
- 18. A very simple representation of who eats who in the environment
- 19. Diagram that shows the evolutionary relationships (small changes over time) among a group of organisms
- 21. Place where an organism lives
- 22. Living things in an ecosystem
- 23. An environmental factor that prevents a population from increasing

**Down**

- 1. A forest biome characterized by trees that shed their leaves in the fall. Range of the temperatures can be extreme. Vegetation changes with the seasons because of the temperature.
- 2. factor that limits a population more as population density increases (examples... disease, competition, predator prey)
- 3. a physical feature of an organism's body having a specific function that contributes to the survival of the organism
- 5. Biome located closer to equator ( warm, maximum sunlight). Rain: about 100 inches per year. Contain half of all land dwelling species, provide large percent of earth's oxygen.
- 6. limiting factors whose influence is not affected by population density (examples.... drought, deforestation, floods, fires)
- 7. A trait that helps an organism survive and reproduce
- 8. A natural process resulting in the evolution of organisms best adapted to the environment.

- 9. English natural scientist who formulated a theory of evolution by natural selection (1809-1882)
- 11. the largest population that an environment can support at any given time
- 12. a biome that has little or no plant life, long periods without rain, and extreme temperatures; usually found in hot climates
- 15. a grassland biome that often has few scattered trees and animals that travel in herds
- 16. A community of organisms and their abiotic environment
- 20. network of complex interactions formed by the feeding relationships among the various organisms in an ecosystem showing the energy transfer as you move up the web

**Word Bank**

- |                            |                       |                  |                   |
|----------------------------|-----------------------|------------------|-------------------|
| Tropical rainforest        | Charles Darwin        | Cladogram        | Food web          |
| habitat                    | Ecosystem             | Desert           | density dependent |
| Natural selection          | Structural adaptation | Fresh water      | Food chain        |
| Density independent        | savannah              | Biotic           | Tundra            |
| carrying capacity          | Taiga                 | Adaptation       | limiting factor   |
| Temperate deciduous forest | Species               | invasive species |                   |