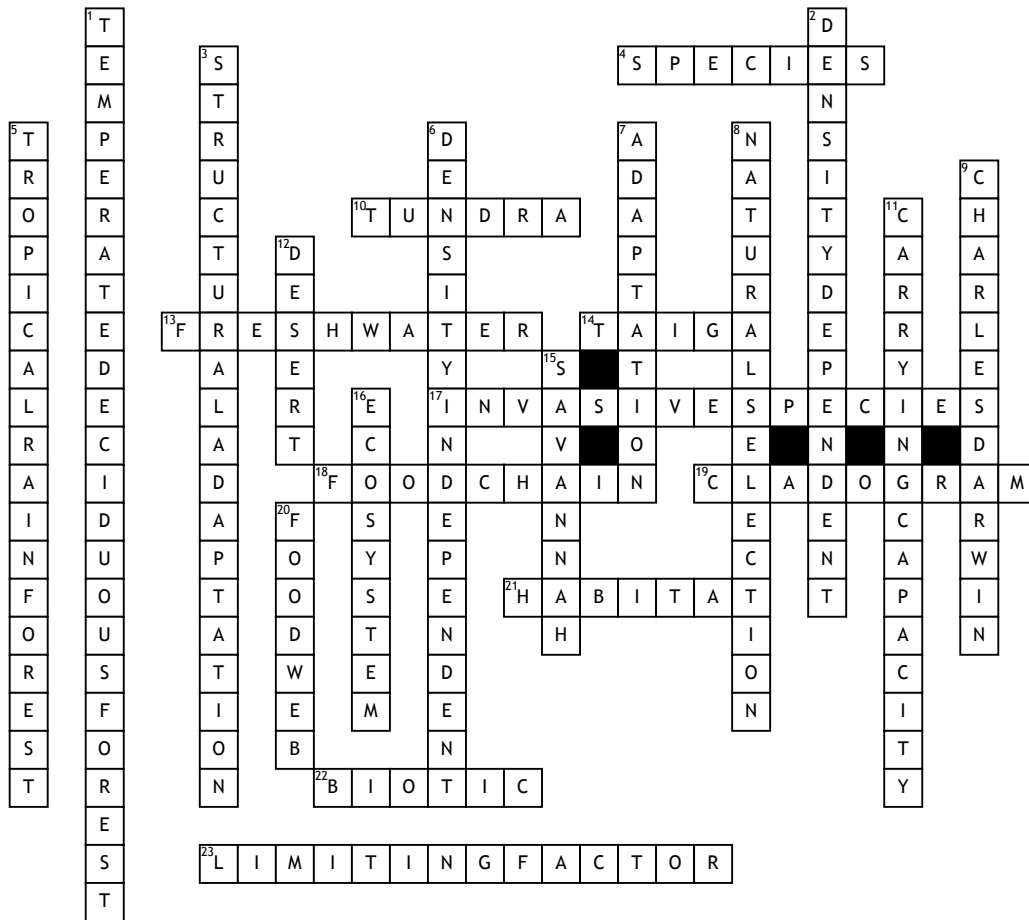


Name: _____

Date: _____

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

density dependent
 limiting factor
 Biotic
 Taiga
 invasive species
 Ecosystem

Density independent
 Food web
 Charles Darwin
 Tundra
 Food chain
 Adaptation

carrying capacity
 Fresh water
 habitat
 Natural selection
 savannah
 Desert

Structural adaptation
 Tropical rainforest
 Species
 Temperate deciduous forest
 Cladogram