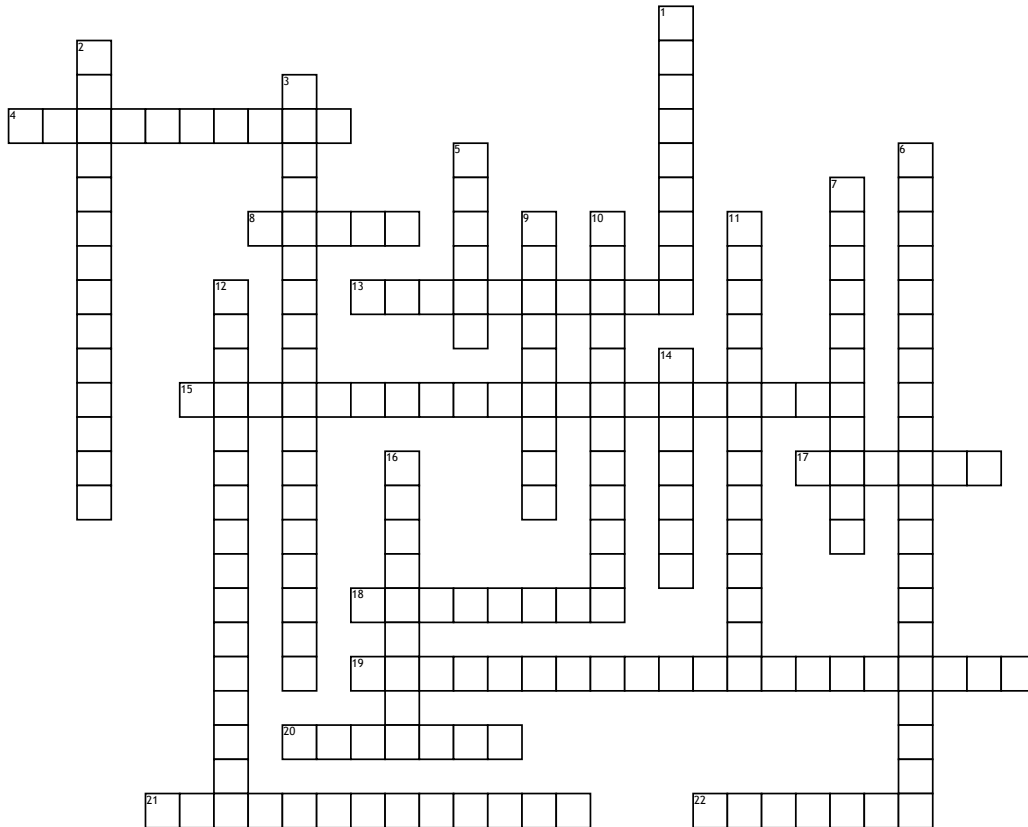


Evolution & Classification



Across

4. inherited characteristic that increases an organisms chance of survival
 8. a classification group
 13. embryos go through similar stages of development, evidence for evolution
 15. idea that individuals best suited to the environment survive and reproduce more successfully
 17. preserved remains of an organism, shows organisms changed over time
 18. science of naming and classifying organisms
 19. two name, naming system of naming organisms
 20. ability to survive and reproduce in one's environment

Word Bank

survival of the fittest
 biochemistry
 populations
 variation
 fitness
 scientific name

phylogeny
 binomial nomenclature
 fossil
 classification
 species
 taxon

adaptation
 comparative anatomy
 Embryology
 theory
 homologous structures

genus&species
 evolution
 taxonomy
 kingdom
 natural selection

21. a scientific name includes which two taxa?

22. smallest classification group, includes the most related organisms

Down

1. shows the evolutionary history of a species and different related organisms
 2. the grouping of organisms based on similarities to make their study easier
 3. Similarities in physical structures like the forearm of a human, dog's leg, bat,s wing or whale flipper, evidence for evolution
 5. Well tested idea
 6. similar structures in different species that come from same embryonic tissue, evidence for evolution

7. _____ evolve, not individual organisms

9. Change in a population's genetic makeup over time

10. similarities in molecules, like DNA & proteins, or chemical process, evidence for evolution

11. Homo sapien is the _____ of a human

12. Evolution of a population where environment selects the favorable traits, also called survival of the fittest

14. The largest classification group, includes the least related organisms

16. differences between individuals in a population