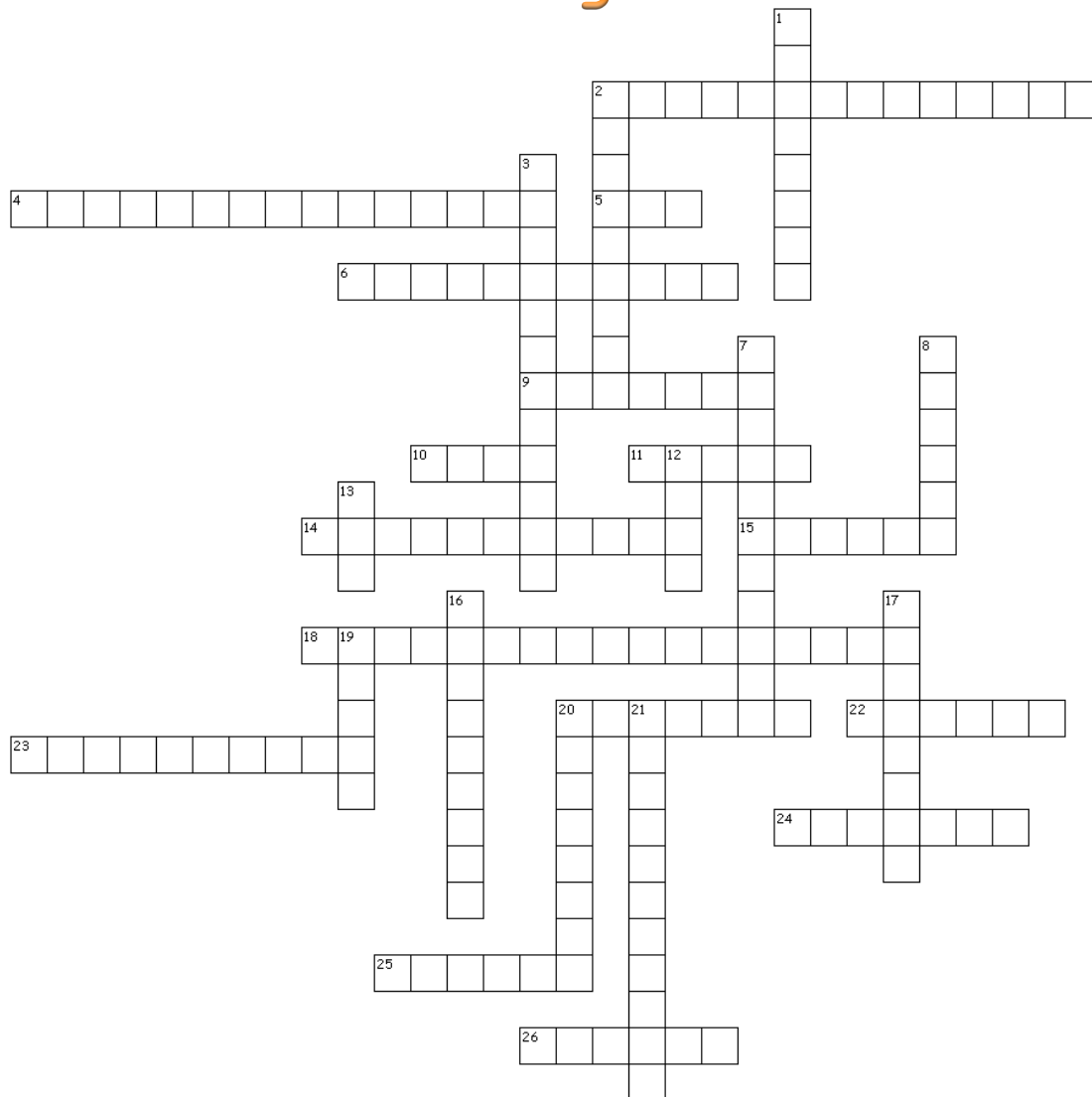


Fossils and Geologic time

Name _____



Across

2. type of bacteria that appeared 3.4 billion years ago & made its own food
4. made up of the first 3 eons and is 90% of Earth's history (2 words)
5. largest division of time
6. eon in which well-developed cells appear
9. eon in which crust formed
10. compacted sediment that filled a mold
11. fossilized tree sap
14. fossil that shows evidence of a living thing (e.g. footprints) (2 words)
15. type of fossil formed by cold temperature
18. the standard method used to divide Earth's long natural history into parts (3 words)
20. animal may fall in and be preserved
22. remains or physical evidence of an organism that is preserved
23. type of cell that appeared 2 billion years ago, needed oxygen & was a consumer

24. Paleozoic era ended when 90% of species suddenly became _____

25. subunit of an era

26. what must happen first for a fossil to form

Down

1. era that means age of reptiles
2. era that means ancient life
3. the process of minerals replacing tissues (often happens with wood)
7. fossil of an organism that lived a short time and can be used to date rock (2 words)
8. eon in which molten earth formed
12. a cavity left in the rock after decay
13. subunit of an eon
16. preserved animal dung
17. era that means age of mammals
19. subunit of a period
20. ended the Mesozoic by causing a 60% mass extinction
21. eon in which we live