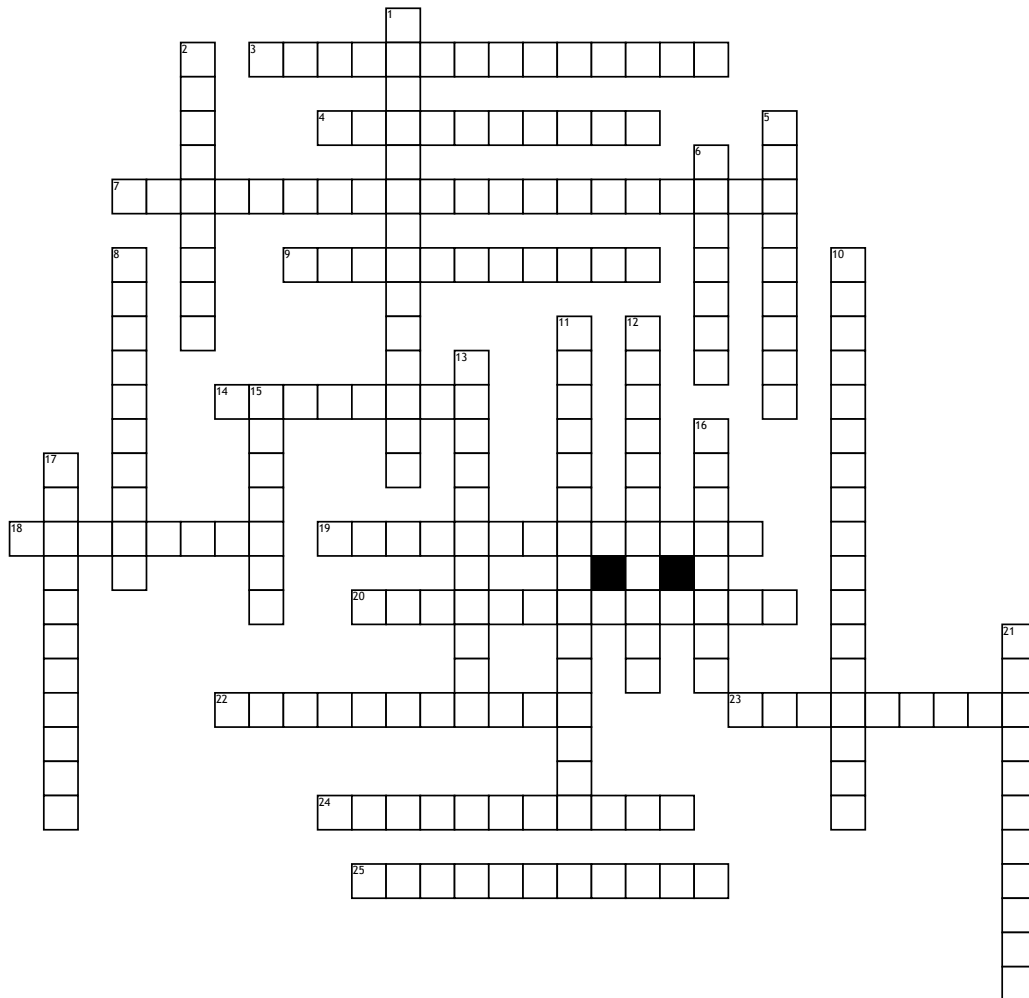


Geological Earth



Across

- 3. A sharp change in the diversity and abundance of multi-cell organisms
- 4. A fossil from a creature that swims in the ocean with multiple rows of teeth.
- 7. A very pale type of sedimentary rock
- 9. Index fossils are used to assist relative dating
- 14. A group of extinct marine mollusc animals with coiled shells
- 18. A diverse group of reptiles
- 19. A plant that grows naturally in a tropic environment
- 20. Younger rock above older rock
- 22. Specific age of something
- 23. This fossil class comprises snails and slugs from saltwater, from freshwater, and from the land.

24. a fossil useful for dating and correlating others

25. A geologic age is a subdivision of geologic time that divides an epoch into smaller parts.

Down

- 1. The science of determining the relative order of past events without necessarily determining the absolute age
- 2. An animal that feeds only on meat
- 5. An ancient creature, which was technically a fish, complete with scales and gills but had a flat head like a gator.
- 6. A rupture in earth's crust that allows magma, volcanic ash and gases to escape from a magma chamber
- 8. A rapid decline of a species

10. a technique used to date materials such as rocks or carbon

11. How long ago did humans evolve?

12. What is Earth's age?

13. Determining the relative order of past events, without necessarily determining absolute age

15. a Solid inorganic substance of natural occurrence

16. Marine animals that make up the class crinoidea

17. Largest and only populated town of the Svalbard archipelago

21. Being made up of or formed of sediment

Word Bank

- | | | | | |
|--------------|---------------|------------------------|-------------------|--------------------|
| Sedimentary | Superposition | Index Dating | six million years | Shark Tooth |
| Carnivore | Mineral | Relative Dating | Volcano | Relative age |
| Four Billion | Crinoids | Extinction | Index fossil | Radioactive dating |
| Absolute Age | Geologic Age | Tropical Plant | Spitzbergen | Mass Extinction |
| Dinosaur | Gastropod | White sedimentary rock | Ammonite | Tiktaalik |