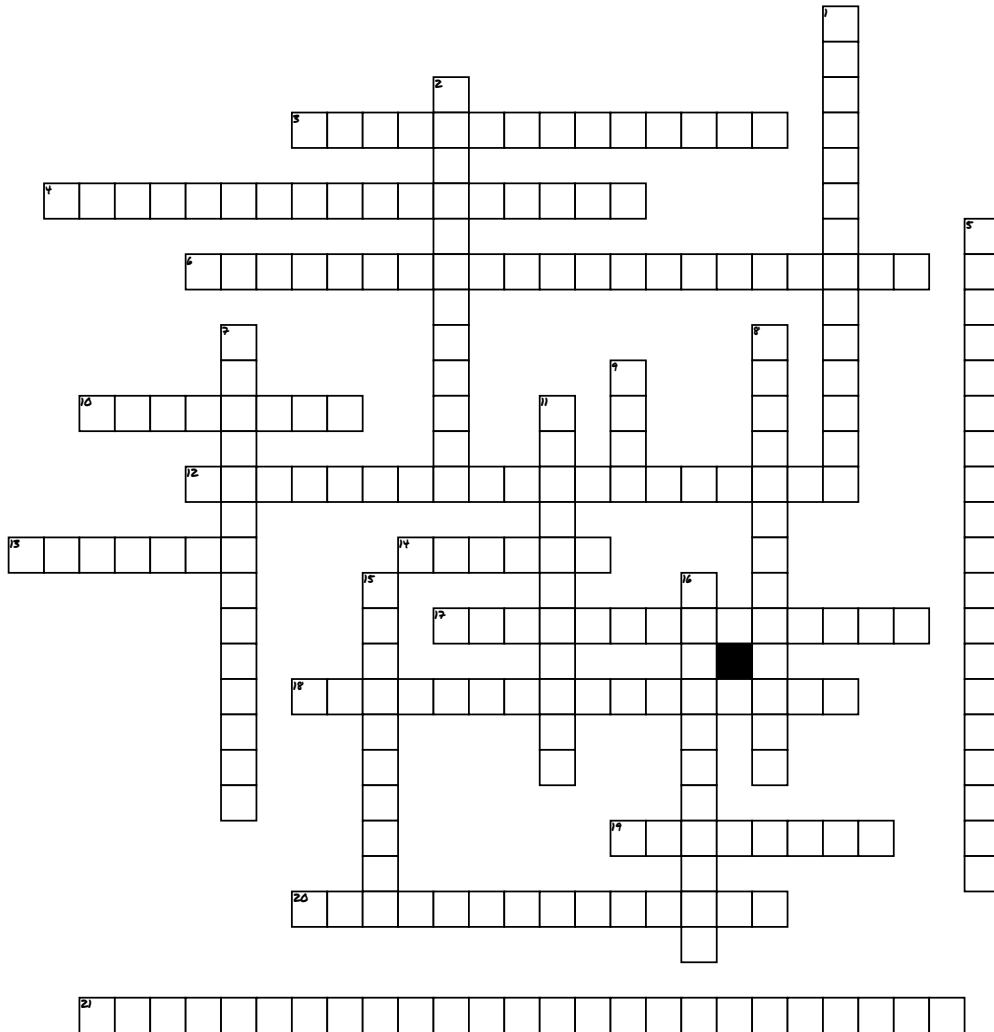


Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

# BIO CROSS WORD



**ACROSS**

- 3. A GEOLOGIC PERIOD AND SYSTEM OF THE PALEOZOIC, SPANNING 60 MILLION YEARS FROM THE END OF THE SILURIAN
- 4. TIMELINE USED TO REPRESENT EARTH'S HISTORY.
- 6. PATTERN OF EVOLUTION IN WHICH LONG STABLE PERIODS ARE INTERRUPTED BY BRIEF PERIODS OF MORE RAPID CHANGES.
- 10. LENGTH OF TIME REQUIRED FOR HALF OF THE RADIOACTIVE ATOMS IN A SAMPLE TO DECAY.
- 12. PROCESS BY WHICH UNRELATED ORGANISMS INDEPENDENTLY EVOLVE SIMILARITIES WHEN ADAPTING TO SIMILAR ENVIRONMENTS.
- 13. TERM USED TO REFER TO A SPECIES THAT HAS DIED OUT AND HAS NO LIVING MEMBERS
- 14. DIVISION OF GEOLOGIC TIME INTO WHICH ERAS ARE SUBDIVIDED.

- 17. A GEOLOGIC PERIOD AND SYSTEM SPANNING 24.6 MILLION YEARS FROM THE END OF THE ORDOVICIAN PERIOD, AT 443.8 MILLION YEARS AGO
- 18. A GEOLOGIC PERIOD AND SYSTEM, THE SECOND OF SIX PERIODS OF THE PALEOZOIC ERA.
- 19. A HOMOSAPIEN WHOM OFTEN DISLIKES LAZY STUDENTS
- 20. WAS THE FIRST GEOLOGICAL PERIOD OF THE PALEOZOIC ERA, AND OF THE PHANEROZOIC EON.
- 21. CHANGES IN ANATOMY, PHYLOGENY, ECOLOGY AND BEHAVIOR THAT TAKES PLACE IN CLADES LARGER THAN A SINGLE SPECIES.

**DOWN**

- 1. EVENT DURING WHICH MANY SPECIES BECOME EXTINGUISHED DURING A RELATIVELY SHORT PERIOD OF TIME.
- 2. AN ANIMAL LACKING A BACKBONE

- 5. A GEOLOGIC PERIOD AND SYSTEM THAT SPANS 60 MILLION YEARS FROM THE END OF THE DEVONIAN PERIOD 358.9 MILLION YEARS AGO
- 7. SCIENTIST WHO STUDIES FOSSILS.
- 8. A GEOLOGIC PERIOD AND SYSTEM WHICH SPANS 47 MILLION YEARS FROM THE END OF THE CARBONIFEROUS PERIOD 298.9 MILLION YEARS AGO.
- 9. THEY FIRST APPEARED DURING THE TRIASSIC PERIOD, BETWEEN 243 AND 233.23 MILLION YEARS AGO
- 11. PROCESS BY WHICH TWO SPECIES EVOLVE IN RESPONSE TO CHANGE IN EACH OTHER OVER TIME.
- 15. THE EVOLUTION OF A SPECIES BY GRADUAL ACCUMULATION OF SMALL GENETIC CHANGES OVER LONG PERIODS OF TIME.
- 16. DISTINCTIVE FOSSIL THAT IS USED TO COMPARE THE RELATIVE AGE OF FOSSILS.

**WORD BANK**

- |                      |                      |                   |                            |
|----------------------|----------------------|-------------------|----------------------------|
| COEVOLUTION          | CONVERGENT EVOLUTION | PERMIAN PERIOD    | PUNCTUATED EQUILIBRIUM     |
| GEOLOGIC LIFE SCALE  | SILURIAN PERIOD      | ORDOVICIAN PERIOD | INVERTEBRATE               |
| EXTINCT              | MASS EXTINCTION      | HALF-LIFE         | INDEX FOSSIL               |
| PERIOD               | DINO                 | PALEONTOLOGIST    | MACROEVOLUTIONARY PATTERNS |
| CARBONIFEROUS PERIOD | CAMBRIAN PERIOD      | MR. SCHANK        | DEVONIAN PERIOD            |
| GRADUALISM           |                      |                   |                            |