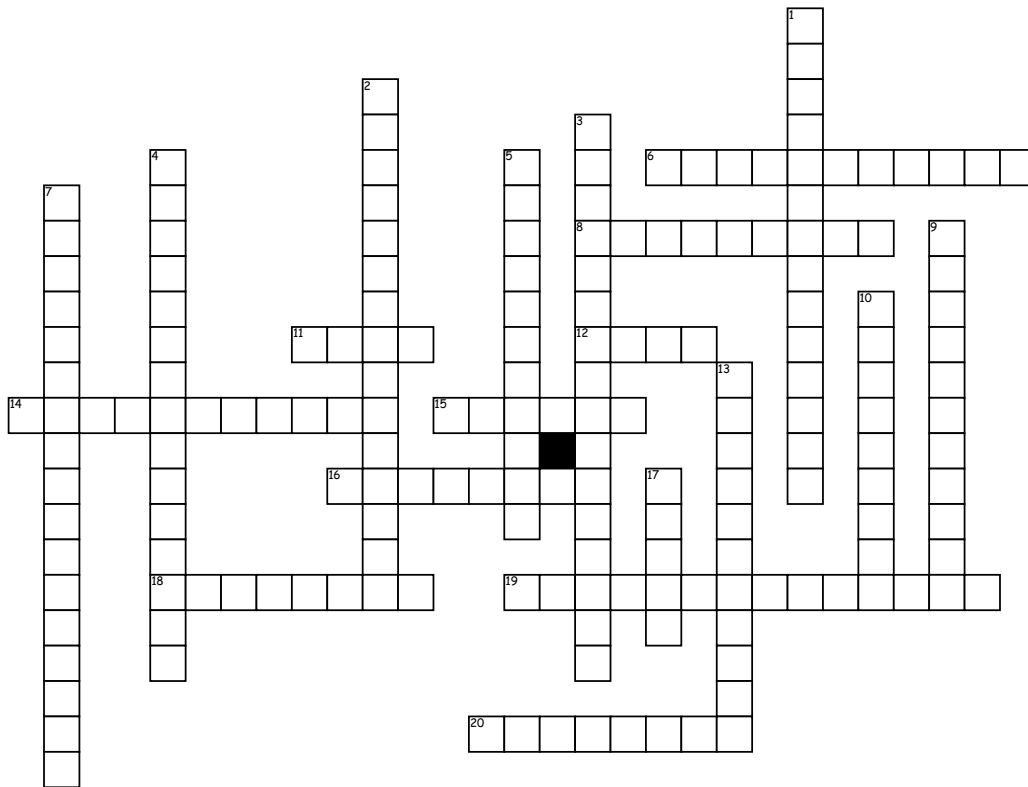


CLUES TO EARTH'S PAST



Across

6. A thin film of carbon residue is left, forming a silhouette of the original organism

8. A person, animal, or group living in a place or environment.

11. A hard part of something being dissolved and leaving behind a cavity.

12. Plant matter accumulating, over millions of years, these deposits become completely carbonized, forming _____.

14. Somethings age, to the comparison to the ages of other things.

15. Remains, imprints, or traces of prehistoric organisms.

16. The time taken for any specified property to decrease by half.

18. Living thing such as animal, plant and human.

19. Gaps in rock sequences are called _____.

20. Belonging to or forming the outer surface or structure of something.

Down

1. A scientist who studies fossils.

2. Sometimes conditions allow _____ of organisms to be preserved for millions of years.

3. The process in which something is being broken down.

4. Rock formed when sediments are cemented and compacted.

5. Remains of species that existed on Earth for a short period of time.

7. A method of dating geological or archeological specimens by determining the relative proportions of particular radioactive isotopes present in a sample.

9. The age, in years, of a rock or other object.

10. An expert in or student of geology.

13. A fossil of a footprint, trail or burrow.

17. The solid, nonmetallic mineral matter of which rocks are made of.

Word Bank

Half-Life

Radiometric Dating

Fossil

Carbon Films

Organism

Radioactive Decay

Trace Fossil

Unconformities

Sedimentary Rock

Inhabited

Geologist

Original Remains

Paleontologist

Coal

Stone

Index Fossil

Absolute Age

Relative Age

Mold

External