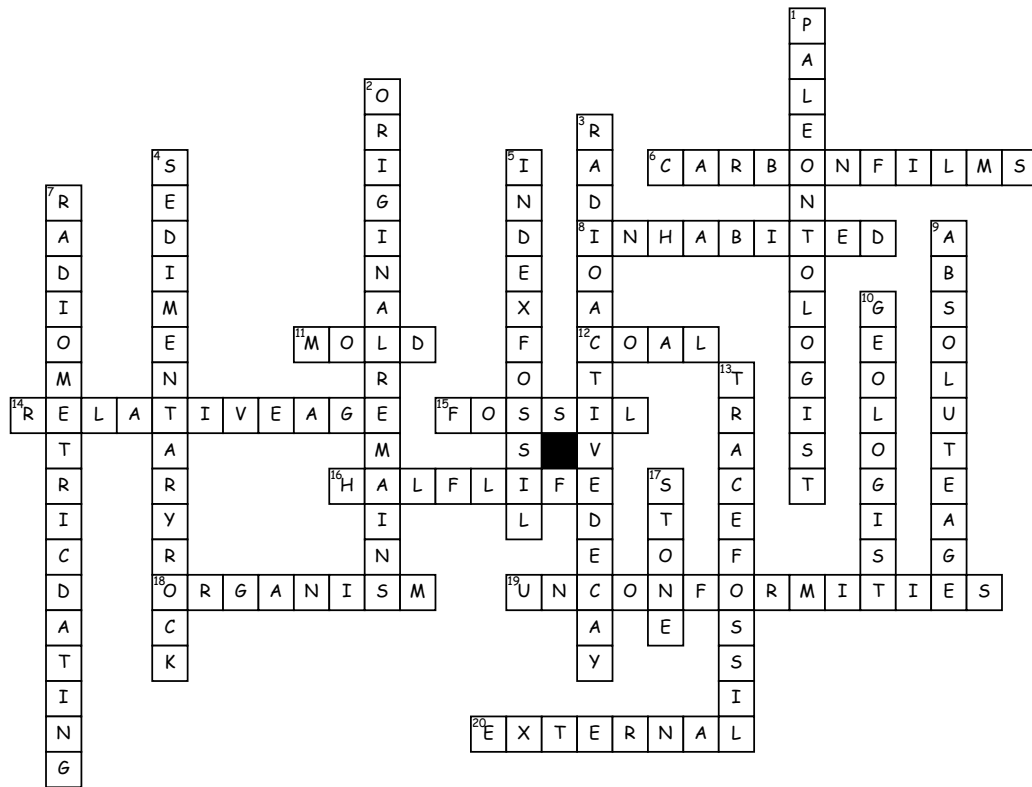


CLUES TO EARTH'S PAST



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

Radiometric Dating
Trace Fossil
Sedimentary Rock
Index Fossil
Fossil

Radioactive Decay
Mold
Carbon Films
Geologist
Absolute Age

Coal
Stone
Unconformities
Inhabited
Organism

Original Remains
Half-Life
Paleontologist
Relative Age
External