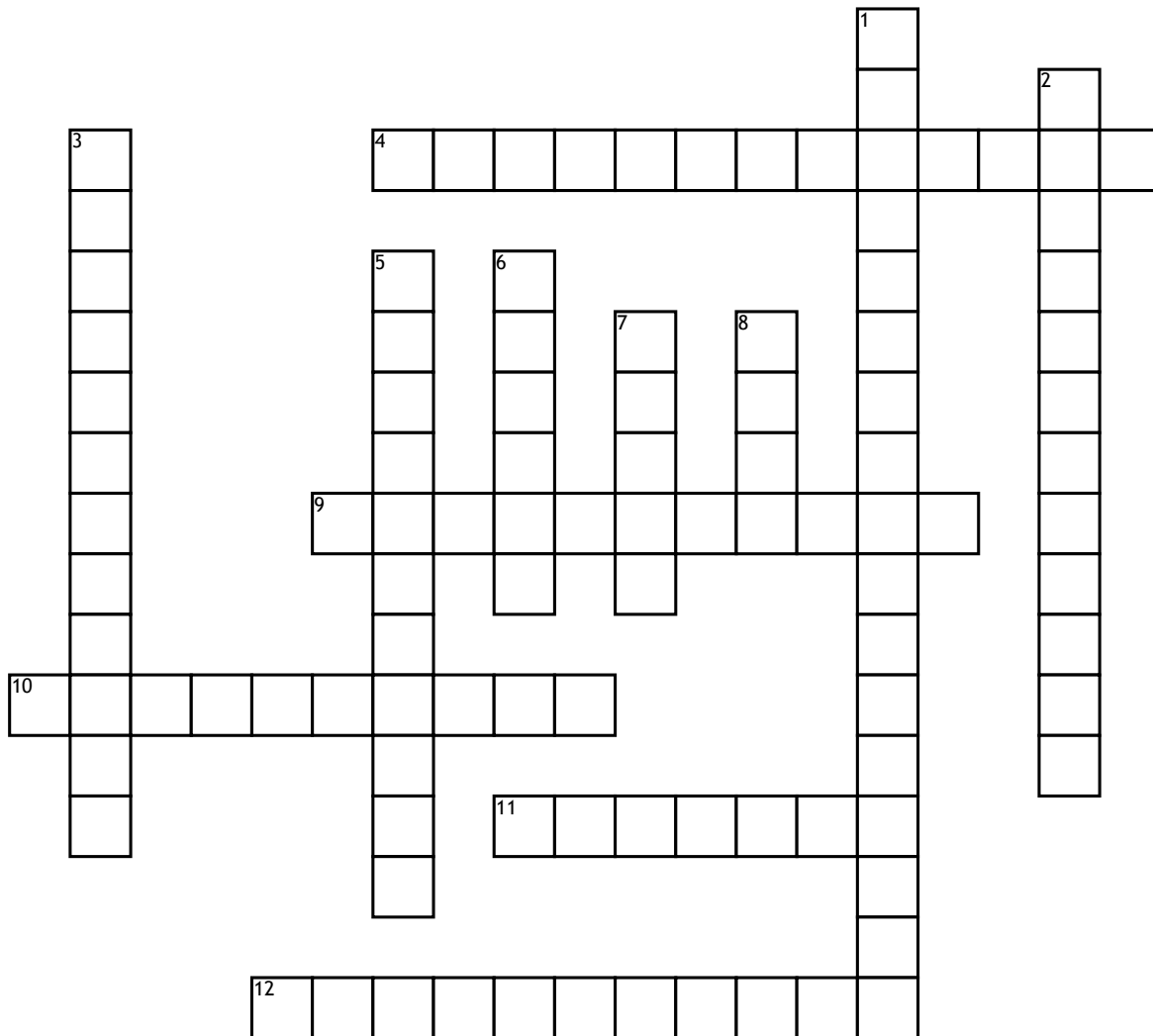


Earth/Space



Across

4. fossilization process which occurs when once-living tissues are replaced by minerals, preserving the organism's structure

9. a word describing a rock or layer of rocks formed by the lithification of transported or precipitated particles

10. They are formed from the remains of dead animals and plants

11. describes a species of animals that once lived on Earth but which no longer exists

12. a chemical weathering process in which minerals are transformed into carbonates or bicarbonates by water containing carbon dioxide; the addition of carbon dioxide to a fluid

Down

1. the evolutionary division of a group of organisms into diverse groups over a short period of geologic time

2. the information about Earth's history that can be gathered from fossils

3. the study of fossils and the fossil record

5. the information about Earth's history that can be gathered from fossils

6. the preserved remains of an organism, or traces of an organism such as a mark or print left by an animal

7. a fossil resin from tree sap, usually a translucent, yellow-brown color, which may contain insects or other organisms

8. a type of fossil formed when sediment fills a mold of an organic object such as a fossil shell, creating a replica of that object made of sediment