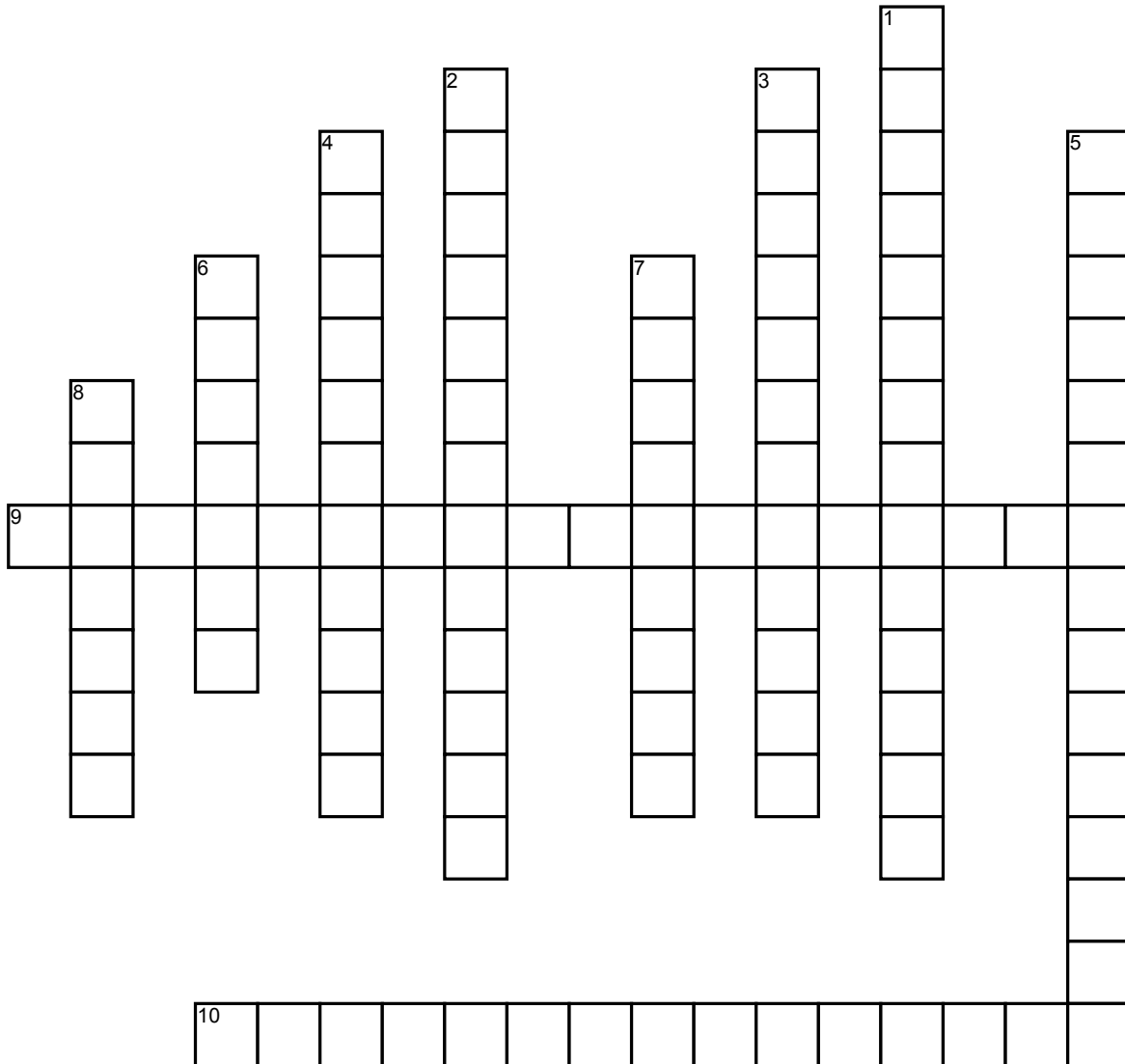


# Geology and Evolution



**Across**

9. \_\_\_\_\_ states that in undisturbed rock layers the newer layers will be deposited over older layers- the oldest rock is at the bottom
10. Rock created from the transformation of other types of rock through heat and pressure

**Down**

1. The major and minor sections that the Earth's crust of oceanic or continental crust. The movement is the responsible for the geologic and subsequent biologic change over time.
2. the part of Earth's crust that underlines the oceans

3. \_\_\_\_\_ are known to have lived in a particular geologic age that can be used to determine the date of the rock layer in which it was found
4. Type of rock formed under or above ground when magma cools
5. Rock layers formed by deposition of sand, clay, and other pieces of rock that are compacted together under pressure- occurs near bodies of water
6. The study of rocks, processes, and the history of the Earth
7. a child or animal in relation to its parent or parents
8. Radioactive heavy metal that is an abundant source of nuclear energy that has 12 known isotopes used in radioactive dating