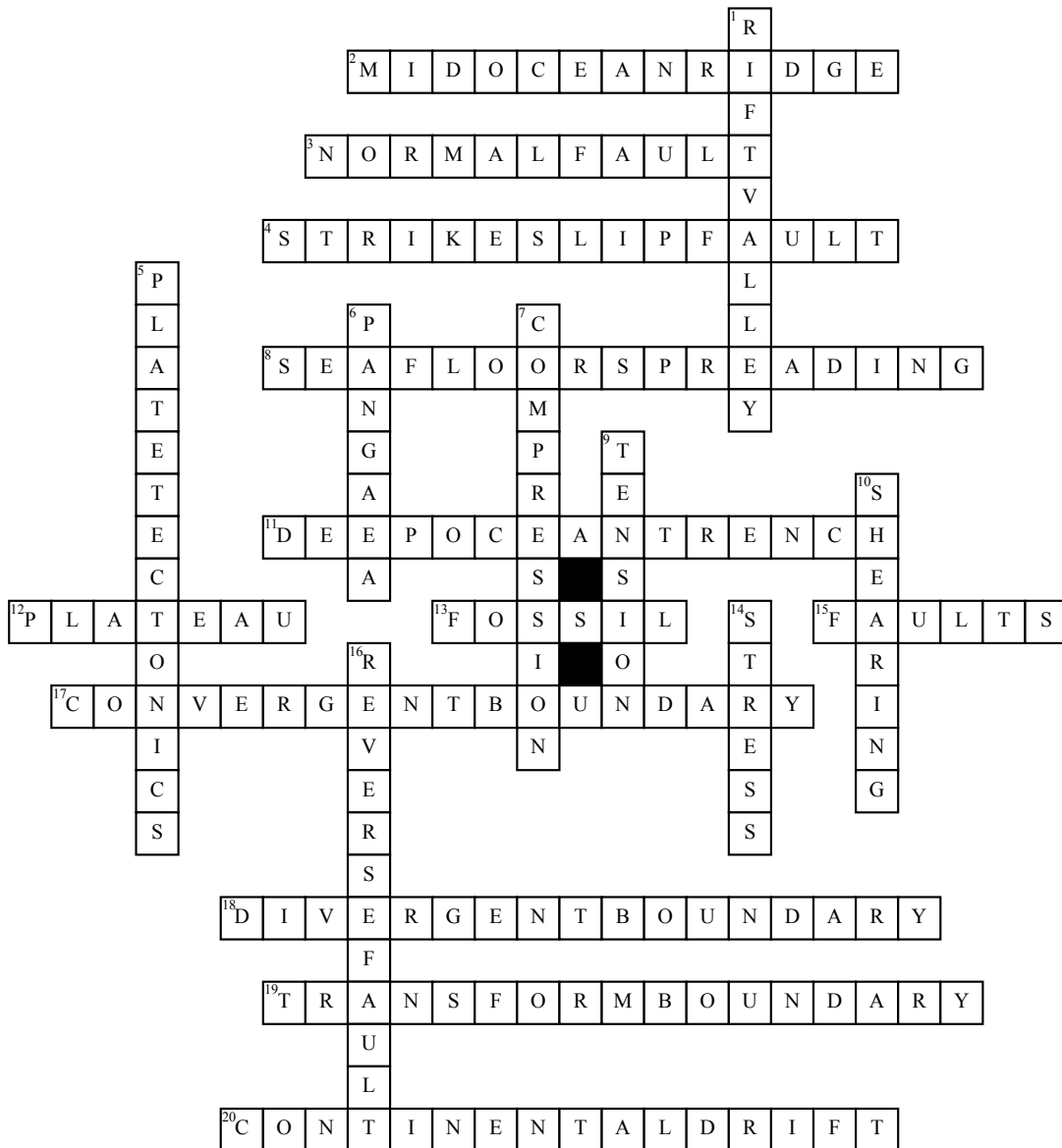


# Plate Tectonics Cross Word Puzzle



## Across

2. Form long chains of mountains that rise up from the ocean floor.
3. The fault cuts through rock at an angle, so one rock sits over the fault, while the other block lies under the fault.
4. The rocks on either side of the fault slip past each other sideways, with little up or down motion.
8. Adds more crust to the ocean floor. At the same time, older strips of rock move outward from either side of the ridge.
11. Part of the ocean sinks back into the mantle, in a process that takes millions of years.

12. A large area of flat land elevated high above sea level.
13. Any trace of an ancient organism that has been preserved in rock.
15. Breaks in the Earth's surface where crust have slipped past each other.
17. Plates come together or converge.
18. Plates move apart or diverge from each other.
19. Plates slip past each other.
20. The continents were once joined together in a single landmass and have since drifted apart.

## Down

1. A deep valley forms when pieces of Earth's crust diverge on land.

5. The theory that Earth's plates are in slow, constant motion, driven by convection currents in the mantle.
6. The continents were joined together in a supercontinent, or single landmass, about 300 million years ago.
7. Occurs when two plates come together.
9. Occurs when two plates pull apart.
10. Occurs where two plates slip past each other.
14. A force that acts on rock to change its shape or volume.
16. Has the same structure as a normal fault, but the blocks move in the reverse direction.