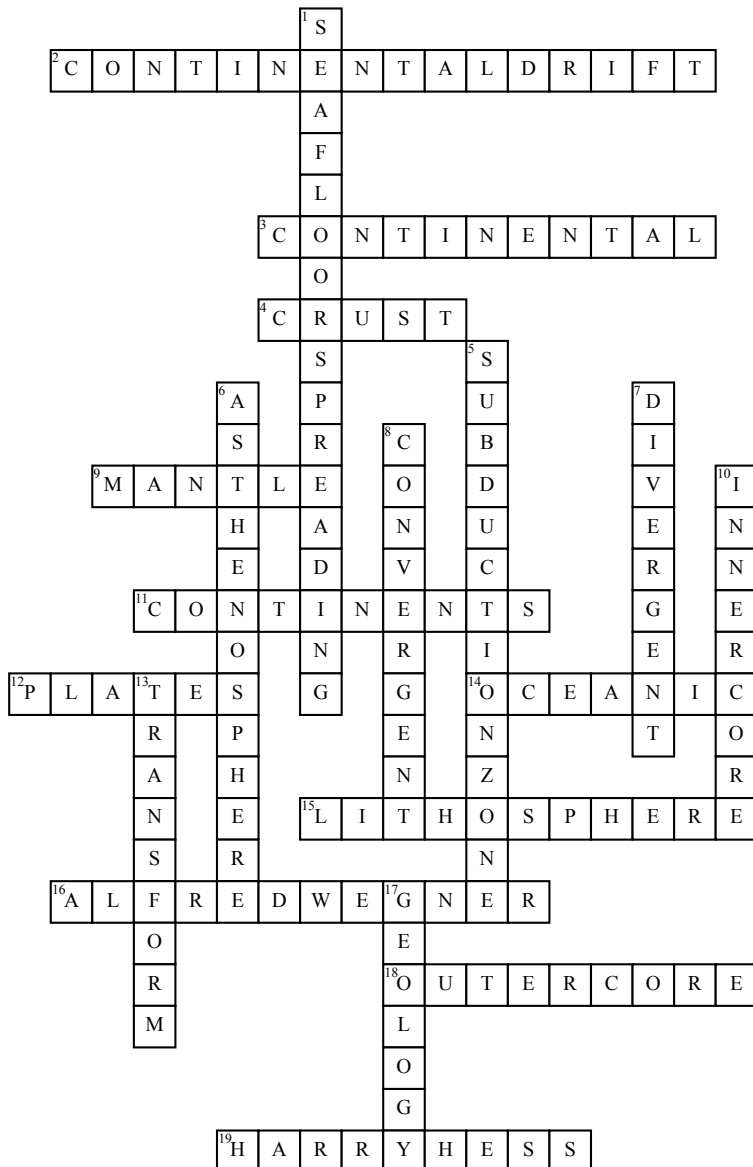


Plate Tectonics



Across

2. The theory that the continents slowly move across the Earth's surface
3. The type of crust found under the Earth's continents
4. The layer of rock that forms the Earth's outer surface
9. The layer of hot, solid material between the Earth's crust and core
11. Great landmasses surrounded by oceans
12. A section of the lithosphere that slowly moves over the asthenosphere carrying crust

14. Type of crust found under the Earth's oceans

15. A rigid layer made up of the uppermost part of the mantle
16. The scientist who created the theory of continental drift
18. The layer of molten iron and nickel that surrounds the inner core
19. An American geologist that discovered seafloor spreading

Down

1. The process by which molten material adds new oceanic crust to the seafloor

5. Where oceanic crust sinks beneath a deep oceanic trench back into the mantle at a convergent boundary
6. The soft layer of the mantle below where the lithosphere forms
7. The boundary where two plates are moving away from each other
8. The boundary where two plates move toward each other
10. The dense sphere of solid iron and nickel in the center of the Earth
13. The boundary where two plates move past each other in opposite directions
17. The study of planet Earth