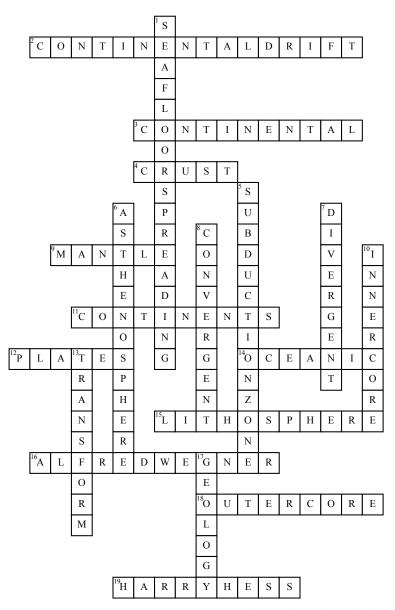
## **Plate Tectonics**



## 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 material add the seafloor

- **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