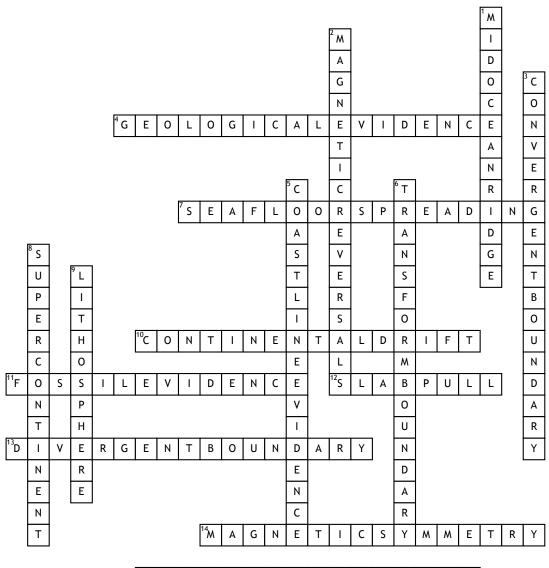
Tectonic Plates Crossword Puzzle



¹⁵C L I M A T I C E V I D E N C E

Across

- **4.** Ages and types of rocks in the coastal regions of separate continents matched.
- **7.** New sea floor forms as magma rises to Earth's surface and solidifies at a mid-ocean ridge.
- **10.** Wegner's Hypothesis that the continents once formed part of a single landmass.
- **11.** Identical fossils found in both South America and Western Africa.
- 12. As the lithosphere moves away from the mid-ocean ridge it cools and becomes denser. It begins to sub-duct, as the leading edge begins to sink it pulls the rest of the plate along behind it
- **13.** Plates move away from each other.
- **14.** The stripes in the sea floor illustrates Earth's alternating magnetic field.
- **15.** Layers of debris from ancient glaciers on separate continents.

Down

- 1. Undersea mountain chain that forms as magma rises and creates new sea floor as tectonic plates move apart.
- **2.** Geological evidence suggest that Earth's magnetic field has not always pointed North.
- **3.** Plates collide with each other.
- **5.** Similarities in the coastlines of continents.
- **6.** Two plates slide past each other horizontally.
- **8.** A large continent that broke up into smaller continents.
- **9.** Another name for the crust and upper mantle.