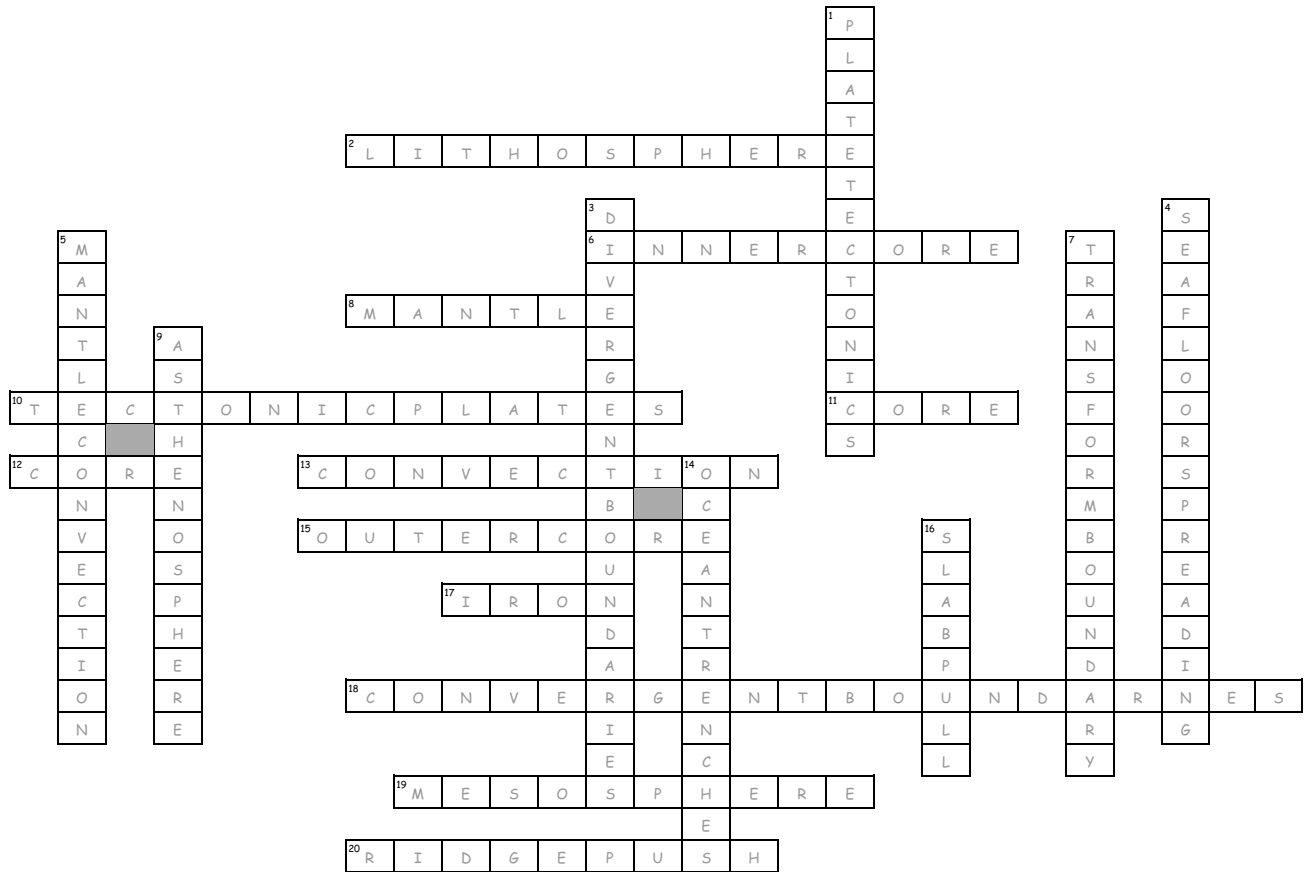


# Plate Tectonics Crossword Puzzle



**Across**

2. What is the outermost rigid layer of Earth?
6. What is dense and is in the center of Earth and extends from the bottom of the outer core to the center of Earth?
8. What is located between the core and the crust?
10. The lithosphere is divided into...
11. What extends from below the mantle to the center of Earth?
12. What is the outermost layer of Earth?
13. What is the movement of matter that results from differences in density? a...
15. What is the liquid layer of Earth's core?
17. What element makes up most of Earth's core?
18. Two plates collide they make...
19. What is the strong lower part of the Earth's mantle?
20. What pushes the rest of a plate away from the mid-ocean ridge?

**Down**

1. What describes large scale movements of the Earth's lithosphere?
3. When two plates move away from each other this is called...
4. What explains the age and magnetic patterns of sea floor rocks?
5. What is the slow creeping motion of Earth's solid silicate mantle caused by convection currents carrying heat from the interior of the Earth to the surface?
7. A boundary at which two plates move past each other horizontally is called
9. What is a layer of weak or soft mantle that is made of rock?
14. What are the huge trenches on Earth's seafloor?
16. What is the portion of motion of a tectonic plate that can be accounted for b the portion of motion of a tectonic plate that can be accounted for by its subduction?