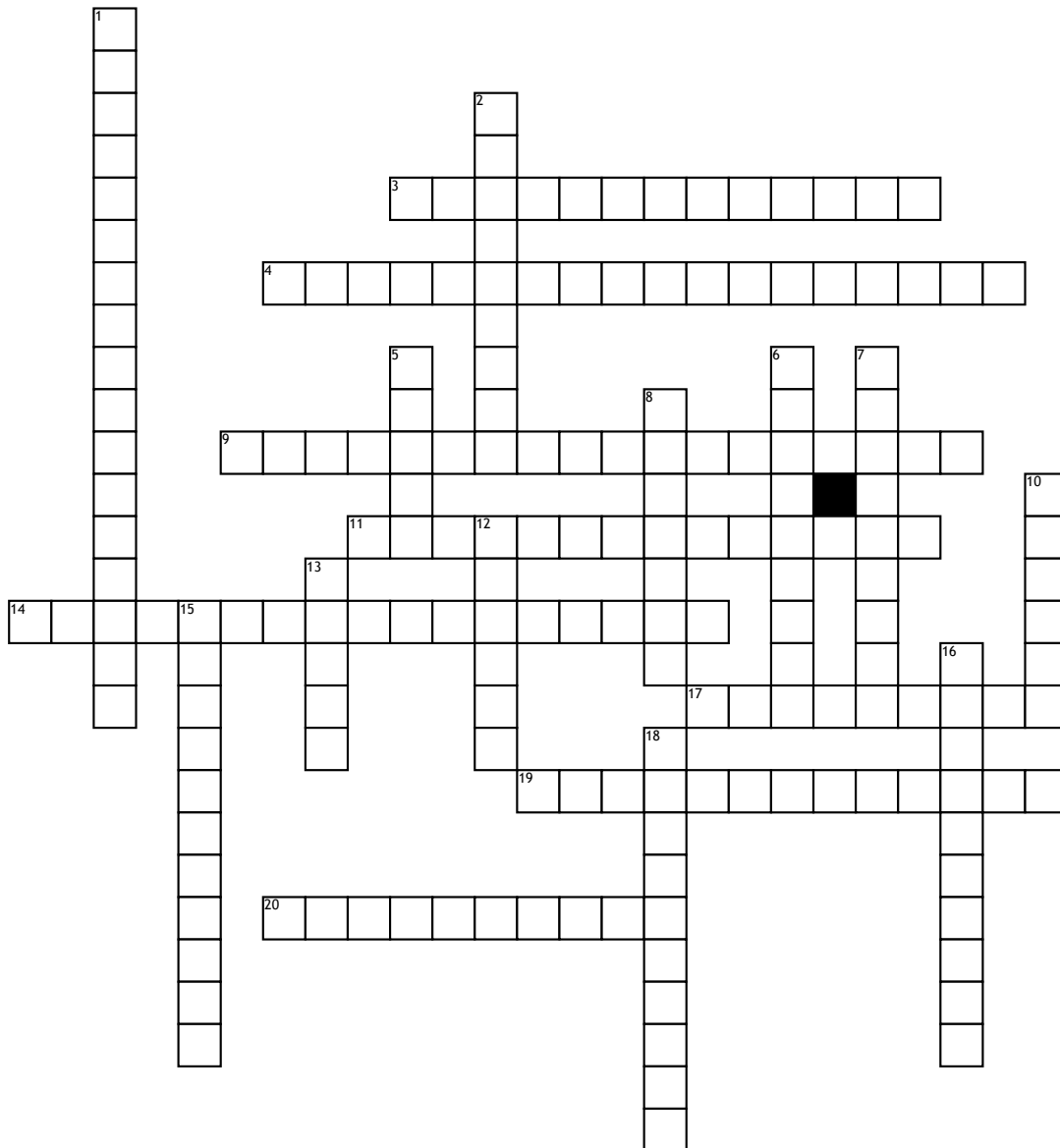


Science-Earth Layers and Tectonic plates



Across

3. the layer of the earth that lies below the lithosphere
4. the boundary tectonic plates are colliding
9. The boundry between tectonic plates that are moving
11. A segment of earths crust
14. when new sea floor forms as magma next to earths surface solidify at mid ocean ridge
17. center layer of solid iron and very hot
19. a long under sea mountain chain that creates new sea floor as the tectonic plates move apart

20. a movement or trembling of the ground that is caused by a sudden release of energy

Down

1. the boundary between tectonic plates are sliding past each other horizontally
2. third layer of the earths interior entirely liquid
5. a push or pull resulting from an object interaction from another object
6. all forms of energy that travel through space as waves
7. the point on earth's surface directly above where an earthquake originates

8. a vent or a crack in the earths surface through which magma gasses are expelled

10. a dense semisolid second layer of earth
12. when a continental plate converges with an oceanic plate sinks under the continental
13. The outer most of earth
15. The outer rocky parts of the planet generally refers to earths crust and some of the upper mantle
16. The transfer of energy as heat through a material the two items have to be touching
18. heat transfer in a gas or liquid by the circulation of currents from one region to anotehr