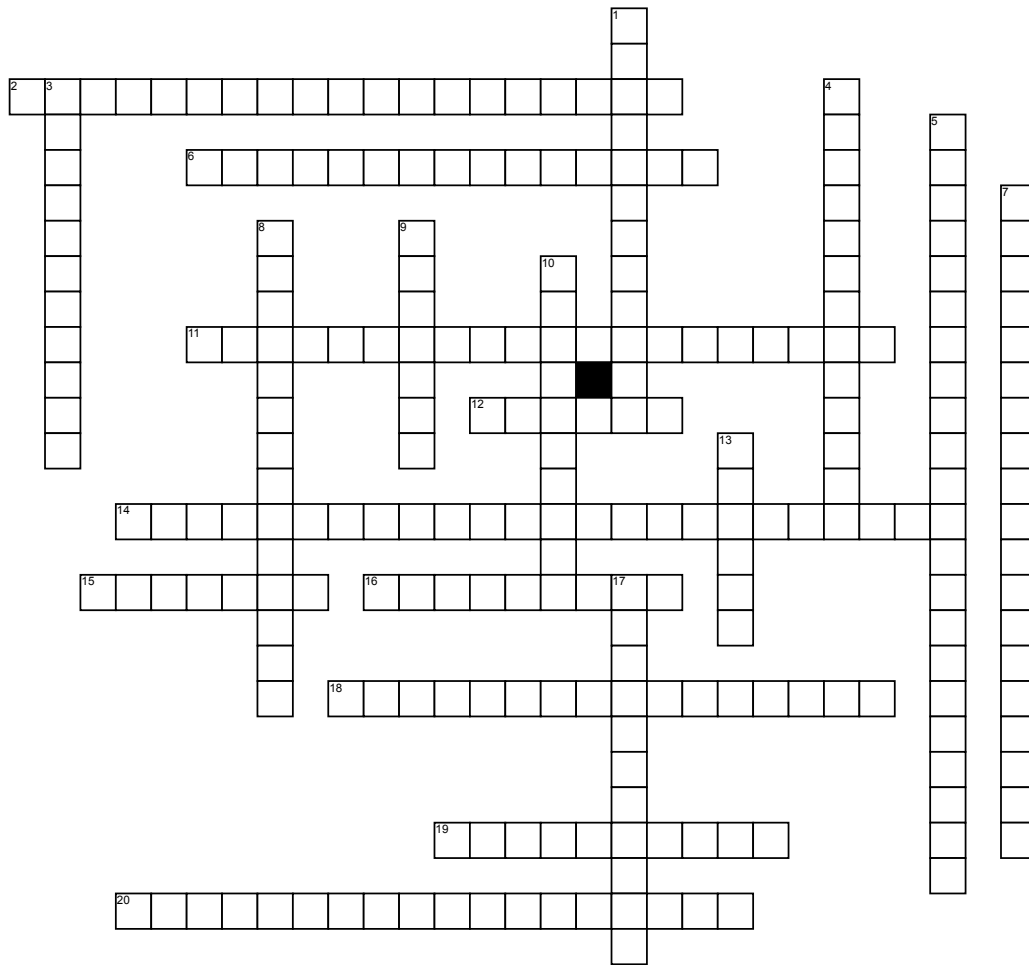


Plate Tectonics



Across

- 2. place where two plates grind past each other, moving in horizontal opposite directions
- 6. where ocean crust plunges back into the mantle
- 11. place where two plates come together
- 12. cracks in the crust along these boundaries
- 14. current continents were once connected together but broke apart to their current positions

- 15. Formed due to the movement of rivers, the processes of weathering and erosion, and tectonic activity
- 16. Formed when subducting plates melt, melted rock is less dense, and rises
- 18. Crust that forms above the ocean and made up of mostly granite
- 19. edge of these pieces
- 20. The force that caused the movement of the continents

Down

- 1. Crust beneath the ocean and made up from basalt
- 3. separating plates on land

- 4. discovered theory of continental drift which led to theory of plate tectonics
- 5. the pieces of earth's crust are in constant slow motion
- 7. place where two plates move apart or divide
- 8. Form when two plates carrying continental crust collide
- 9. name of the giant supercontinent
- 10. sinking of older less dense crust
- 13. the pieces the crust is broken into
- 17. Forms when rock underground suddenly breaks along a fault

Word Bank

- | | | | |
|---------------------------|--------------|-----------------------------|----------------------|
| Mountain ranges | plates | alfred wegener | Convection currents |
| convergent boundaries | Earthquakes | Oceanic crust | transform boundaries |
| deep-ocean trench | faults | pangaea | boundaries |
| subduction | Volcanoes | theory of continental drift | divergent boundaries |
| theory of plate tectonics | rift valleys | Canyons | Continental crust |