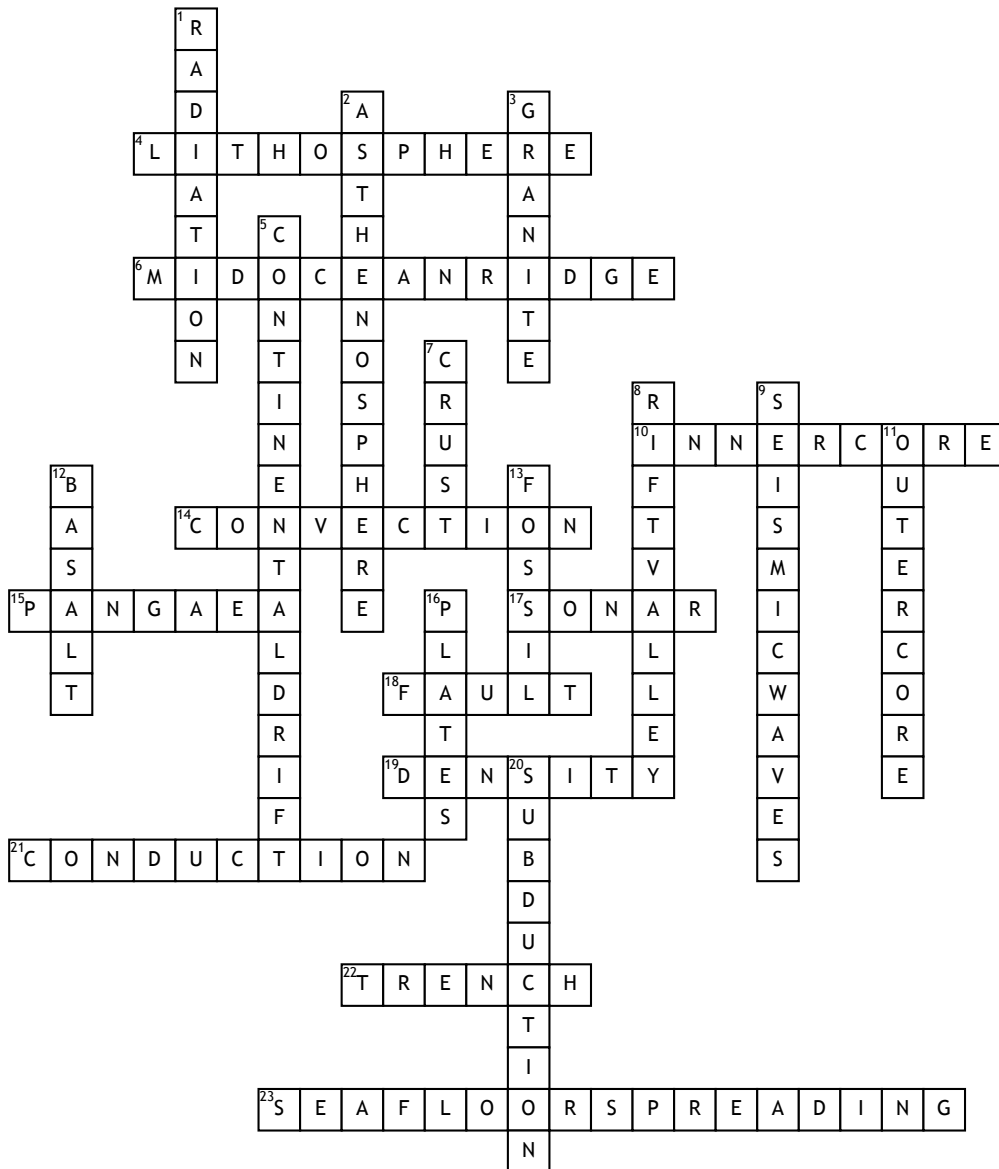


Name: _____

Date: _____

Plate Tectonics



Across

4. layer of mantle that includes some of the oceanic crust
 6. crack in ocean floor where magma seeps out.
 10. solid, extremely hot layer in the center of the Earth
 14. heat transfer within a fluid
 15. supercontinent that formed millions of years ago
 17. device scientists use to map the ocean floor
 18. breaks in the Earth's crust where rocks have slipped past each other
 19. s measure of how much mass ther is in a volumem of water

21. heat transfer between objects that are touching

22. place where an oceanic crust sinks underneath continental crust and causes subduction

23. process where oceanic crust is continually added.

Down

1. heat transfer through space
 2. layer of mantle that is solid but able to flow
 3. what the continental crust is made of.
 5. theory Alfred Wegener discovered.
 7. outside layer of the Earth(where the continents and ocean are)

8. deep valley that forms at a divergent boundary

9. indirect evidence scientists use to figure out what Earth's interior looks like.

11. liquid layer made of iron

12. what the oceanic crust is made up of mostly.

13. any trace of an ancient organism that hasbeem preserved in rock

16. broken parts in the Earth's lithosphere

20. process where oceanic crust is recycled back down into the mantle at a trench