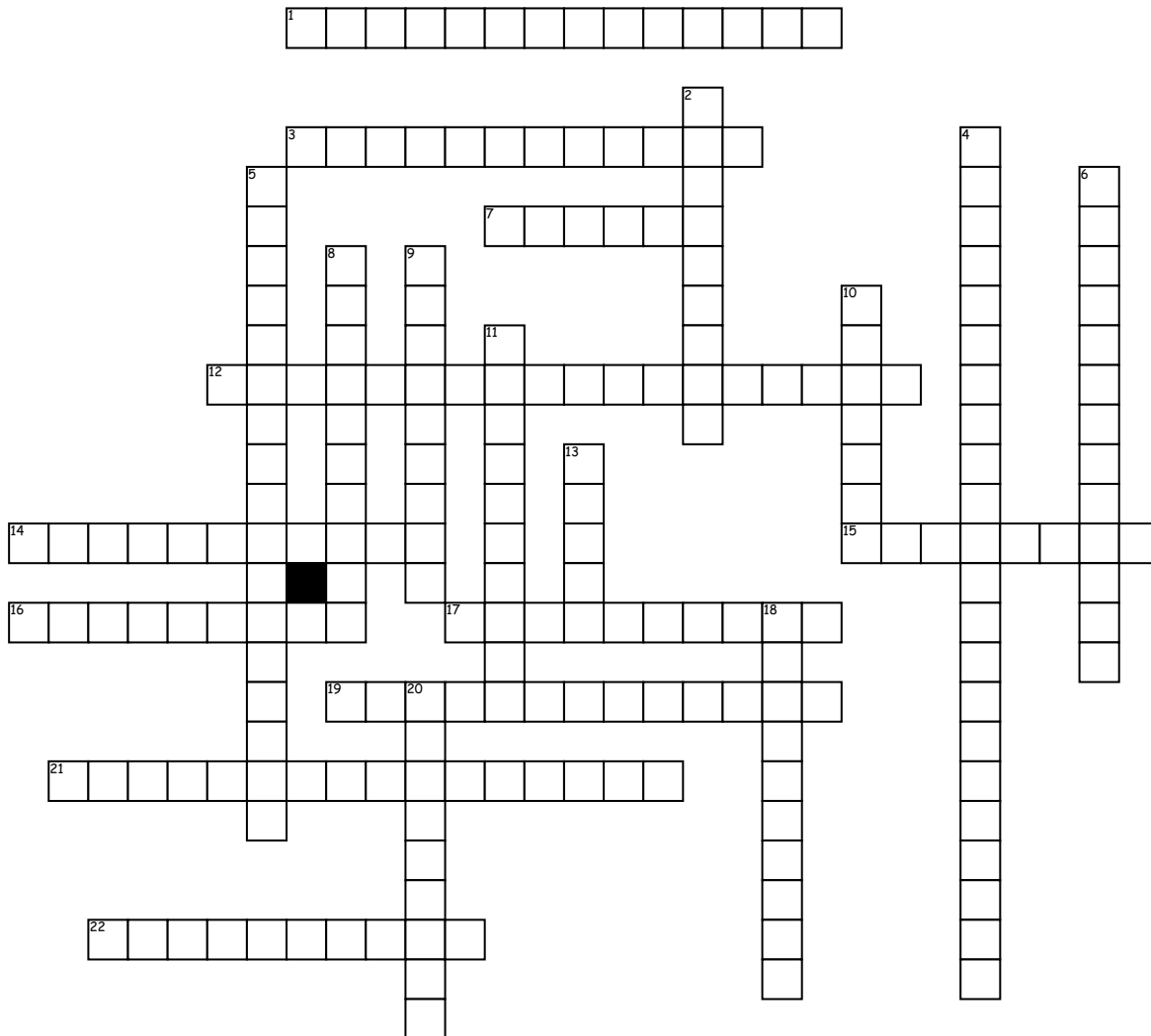


Name: _____

Date: _____

Plate Tectonics



Across

1. the theory that explains how large pieces of the lithosphere, called plates, move and change shape the topography of the earth.

3. earths crust located under the ocean

7. circular movement of a substance due to changes in temperature and density

12. circular movement of a substance due to changes in temperature and density

14. The solid, outer layer of the Earth that consists of the the crust and the rigid upper part of the mantle

15. Earthquake under water causes...

16. A type of plate boundary where two plates move apart from one another.

17. a deep valley that forms on land at a divergent boundary where two plates move apart

19. The soft layer of the mantle on which the tectonic plates move

21. earths crust made of land

22. At a convergent plate boundary, the oceanic plate sinks under the continental plate because it is more denser.

Down

2. a chain of volcanic islands formed at an ocean-ocean convergent boundary

4. rocks, fossils, climate, puzzle fit, glaciers, sea floor spreading

5. when two oceanic plates pull apart, magma rises and new crust is formed

6. an undersea mountain chain where new ocean floor is produced at a divergent boundary

8. A type of plate boundary where two plates collide or subduct with each other.

9. The vent on the earth's surface through which magma and gases are expelled.

10. an area in the mantle that is super heated and melts through the crust (like a blow-torch)

11. A major volcanic zone which is found on the pacific ocean.

13. a break in the earths crust that moves

18. Severely shaking ground caused by tectonic plate movement.

20. A type of plate boundary where two plates slide past each other.