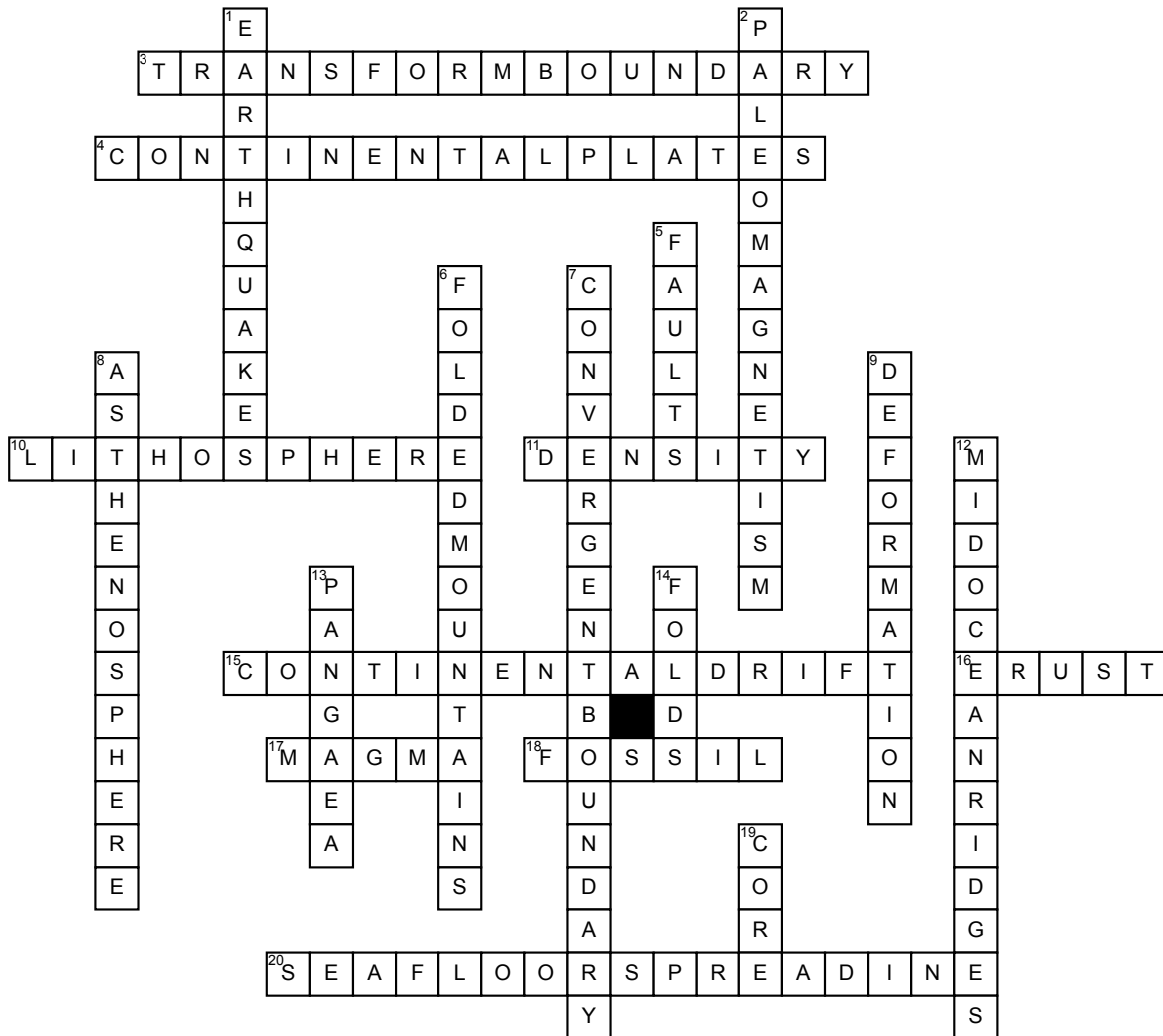


Plate Tectonics and Deformation of the Crust



Across

3. A type of fault whose relative motion is predominantly horizontal.

4. Tectonic plates that lie under surface land masses

10. The outer part of the Earth consisting of the crust and upper mantle.

11. A measure of mass per volume.

15. The gradual movement of the continents.

16. The outer layer of the Earth between the surface and the mantle

17. Material that is below or within the Earth's crust.

18. The remains or impression of a prehistoric organism.

20. The formation of new areas of oceanic crust.

Down

1. A violent shaking of the ground that may cause destruction

2. The study of the record of Earth's magnetic field in rocks

5. A crack in the Earth's crust.

6. Mountains that form mainly by the effects of folding

7. An active deforming region where two tectonic plates or fragments of the lithosphere move towards another and collide

8. The layer that has so much pressure and heat, that the rocks can flow like liquid.

9. Caused by stress when force is applied to certain areas.

12. An active submarine ridge system that marks the site of the upwelling of magma associated with seafloor spreading

13. A supercontinent that broke apart during the Triassic and Jurassic Periods.

14. A bend in a layer of rock. Occurs as a result of deformation.

19. The central portion of the Earth.