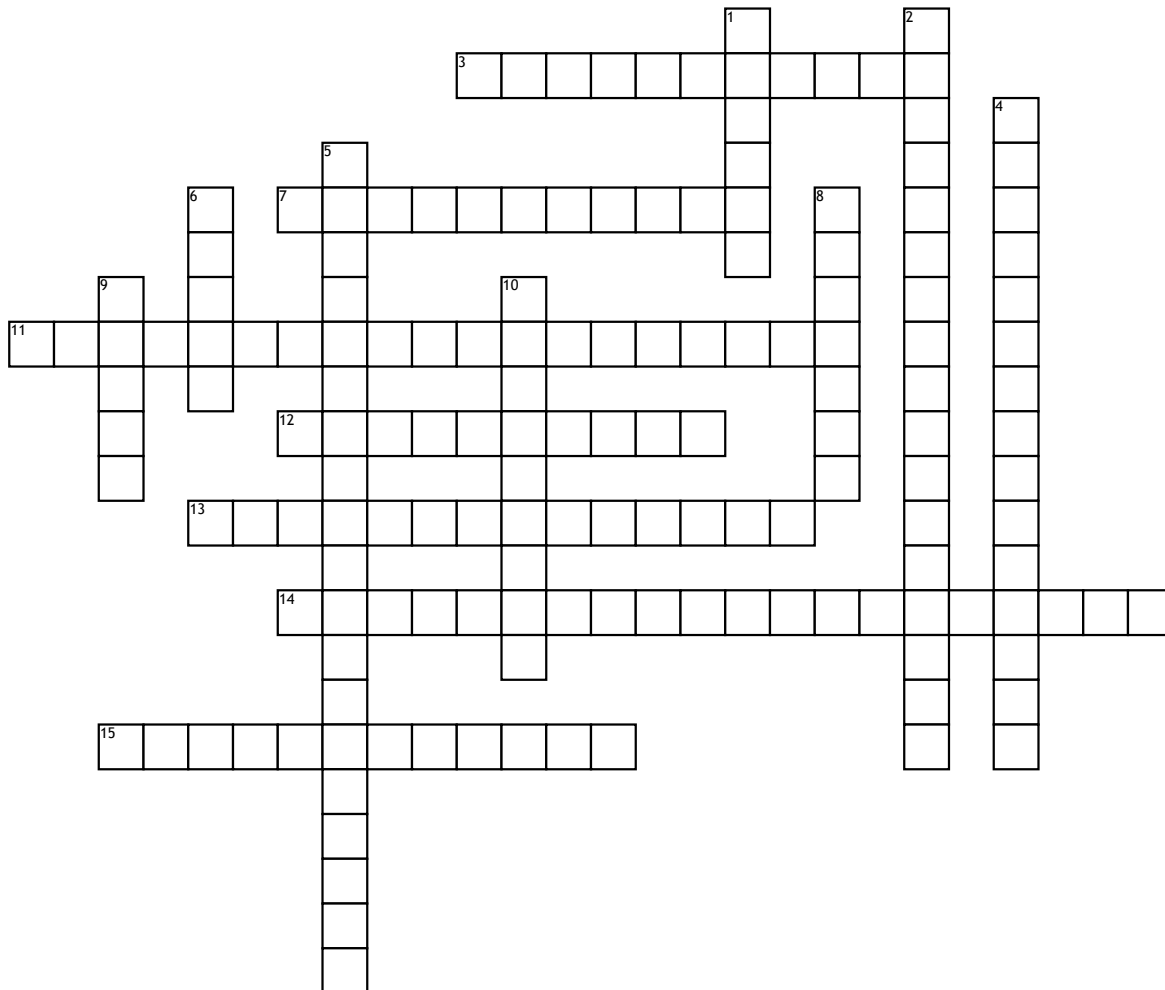


# Plate Tectonics



## Across

3. the solid material found in the centre of some planets at extremely high temperature and pressure

7. the rigid outer part of the earth, consisting of the crust and upper mantle.

11. Plates slide

12. wear away or change the appearance or texture of (something) by long exposure to the air.

13. a theory explaining the structure of the earth's crust and many associated phenomena as resulting from the interaction of rigid lithospheric plates which move slowly over the underlying mantle.

14. where two plates are colliding.

15. a German polar researcher, geophysicist and meteorologist.

## Down

1. is a hypothetical supercontinent that included all current land masses

2. the formation of new areas of oceanic crust

4. regions between plates are aptly called

5. where two plates are moving apart.

6. Outer part of the earth

8. the process of eroding or being eroded by wind, water

9. hot fluid or semi fluid material below or within the earth's crust

10. Earth's outer core is a fluid layer about 2,400 km thick and composed of mostly iron and nickel