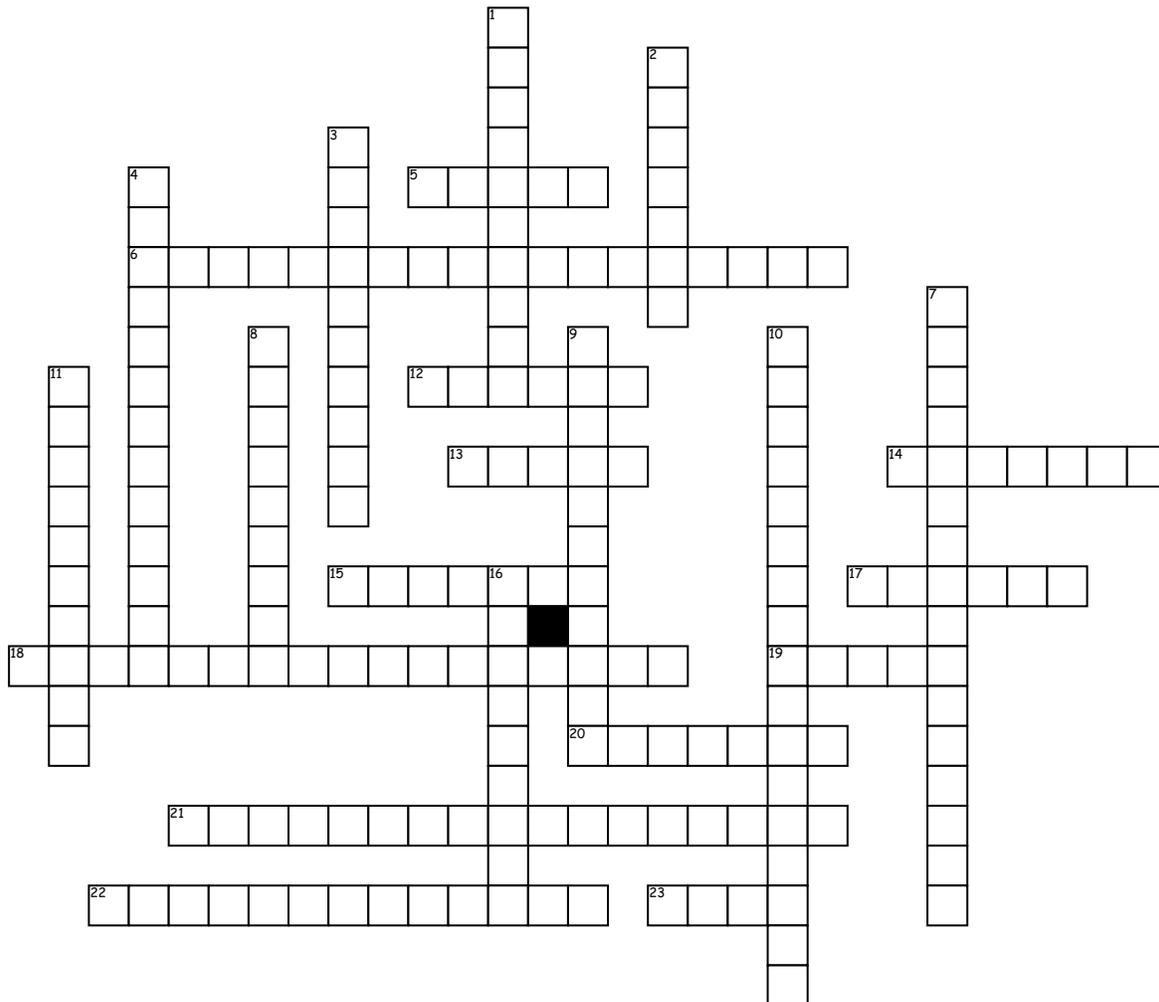


plate tectonics



Across

5. a break or crack in earths crust
 6. boundary between between two colliding plates (two words)
 12. a super continent that existed during the late Paleozoic and early Mesozoic eras
 13. outermost layer of the Earth
 14. a solid inorganic substance occuring in nature
 15. the process by which magma fills the gap between two plates that are moving apart
 17. layer between the crust and core
 18. boundary between two plates moving away from each other (two words)

19. molten rock in the earths crust
 20. an area where magma from deep within the mantle melfts through the crust above it
 21. the path way along which energy travels through a current (two words)
 22. soft layer of the mantle
 23. magma that flows out onto Earth's surface froma volcano

Down

1. process that takes place at convergent boundaries whenone tectonic plate sinks into themantle as the plates converge
 2. a fissure in Earths crust through which gases erupt

3. a shakling movement of Earth's surface cause by the release of stored energy along a fault
 4. piece of the lithosphere that moves on the asthenosphere (two words)
 7. theory that continents drift apart (two words)
 8. liquid layer of earths core (two words)
 9. an instrument that measures and records details of earthquakes
 10. boundary between two plates sliding paste each other (two words)
 11. a major belyt of volcanoes that rims the pacific ocean
 16. solid, dense center of the Earth