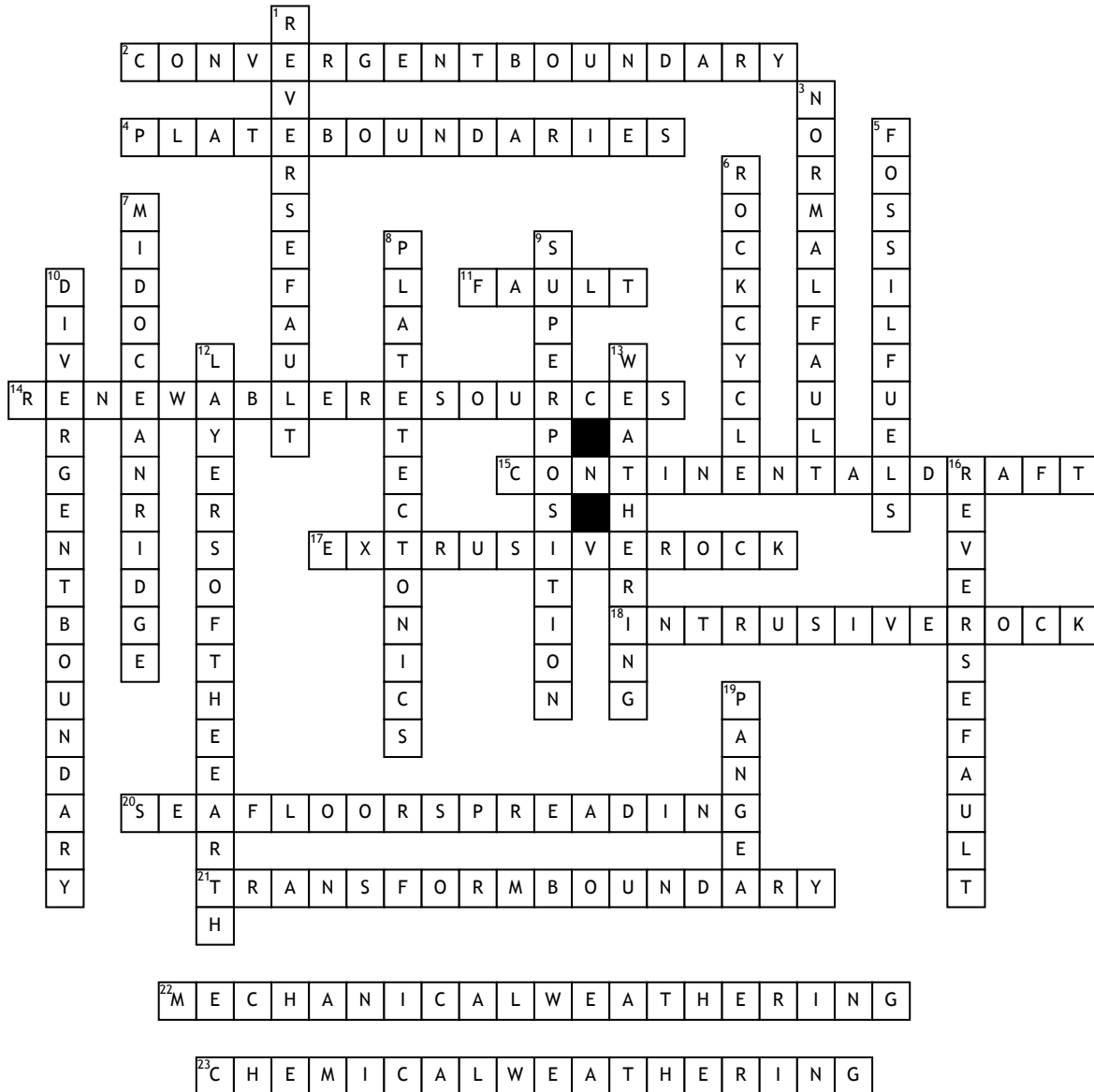


# Earth Science



**Across**

- 2. an actively deforming region where many tectonic plates of the lithosphere move toward one another and collide.
- 4. two plates are moving away from each other and new crust is forming
- 11. Responsibility for an accident or misfortune.
- 14. A resource which is replaced naturally and can be used again.
- 15. gradual movement of the continents across the earth's surface through time.
- 17. hot magma from inside the Earth flows out extrudes onto the surface as lava
- 18. Magma forced into cavities or cracks of other rocks and crystallized but not reaching the surface.

- 20. new areas of oceanic crust
- 21. a type of fault whose relative motion is predominantly horizontal in either sinistral or dextral direction.
- 22. various weathering process that cause physical disintegration of exposed rock
- 23. the various weathering processes cause exposed rock to undergo chemical decomposition

**Down**

- 1. opposite of Normal Fault
- 3. hanging wall has moved downward relative to the footwall.
- 5. natural fuel such as coal or gas, formed in the geological past from the remains of living organisms.

- 6. rocks are created, changed from one form to another, destroyed, and then formed again.
- 7. An example is the Mid-Atlantic Ridge.
- 8. lithospheric plates that move slowly over the underlying mantle.
- 9. the nature and behavior of matter and forces at the sub-atomic level.
- 10. a linear feature that exists between two tectonic plates that are moving away from each other.
- 12. An outer silicate solid crust
- 13. various mechanical and chemical processes that cause exposed rock to decompose.
- 16. wall moved upward relative to the footwall.
- 19. The hypothetical landmass that existed when all continents were joined.