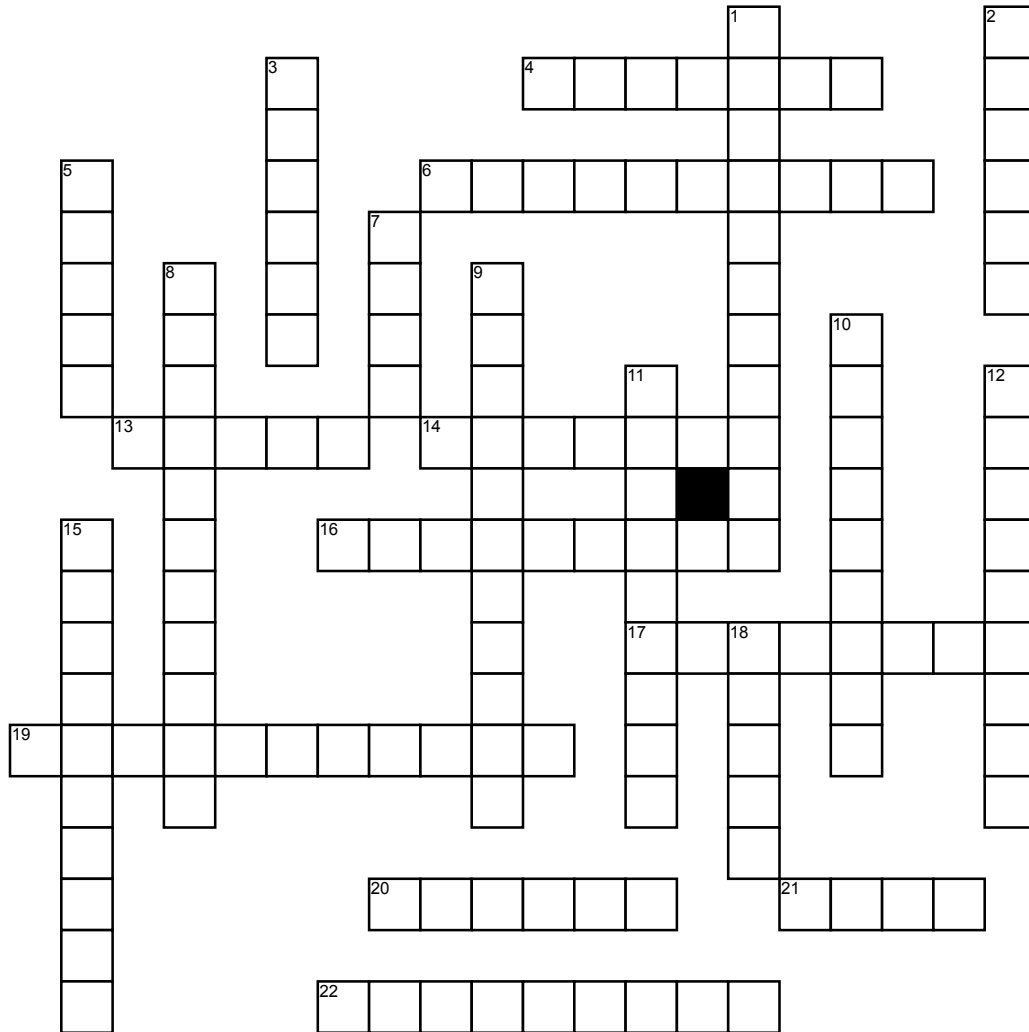


EARTH AS A SYSTEM



Across

- 4. Preserved ancient life forms found in sedimentary rock.
- 6. The layer of gases around the earth
- 13. The mantle is made up of
- 14. Igneous rock which cools down slowly in the crust.
- 16. Part of the earth in which living organisms are found.
- 17. The earth's crust is made up of these moving plates.
- 19. Rocks formed from weathering and then layering.

- 20. Igneous rock which cools down quickly on the surface.
- 21. Magma which has cooled down after a volcanic eruption.
- 22. A rock which contains iron oxide.

Down

- 1. Part of the earth made up of rocks and soil
- 2. Metamorphic limestone.
- 3. Igneous rock which cools down quickly on the surface with gas bubbles
- 5. Metamorphic shale rock.
- 7. Sedimentary plant deposits
- 8. Heated sedimentary rock deep in the earth.

- 9. Part of the earth made up of all the water.
- 10. Layer of the earth made up of molten nickel.
- 11. Sedimentary crustacean and mollusc shell deposits
- 12. Layer of the earth made up of solid nickel and iron
- 15. Heated objects rise and cooled objects sink.
- 18. The part of the earth's mantle which has cooled.

Word Bank

- | | | | | | |
|-------------|-----------|-------------|-------------|---------|-----------|
| outercore | marble | atmosphere | lava | granite | limestone |
| convection | haematite | crust | Biosphere | fossils | innercore |
| sedimentary | magma | lithosphere | coal | basalt | tectonic |
| Hydrosphere | slate | pumice | metamorphic | | |