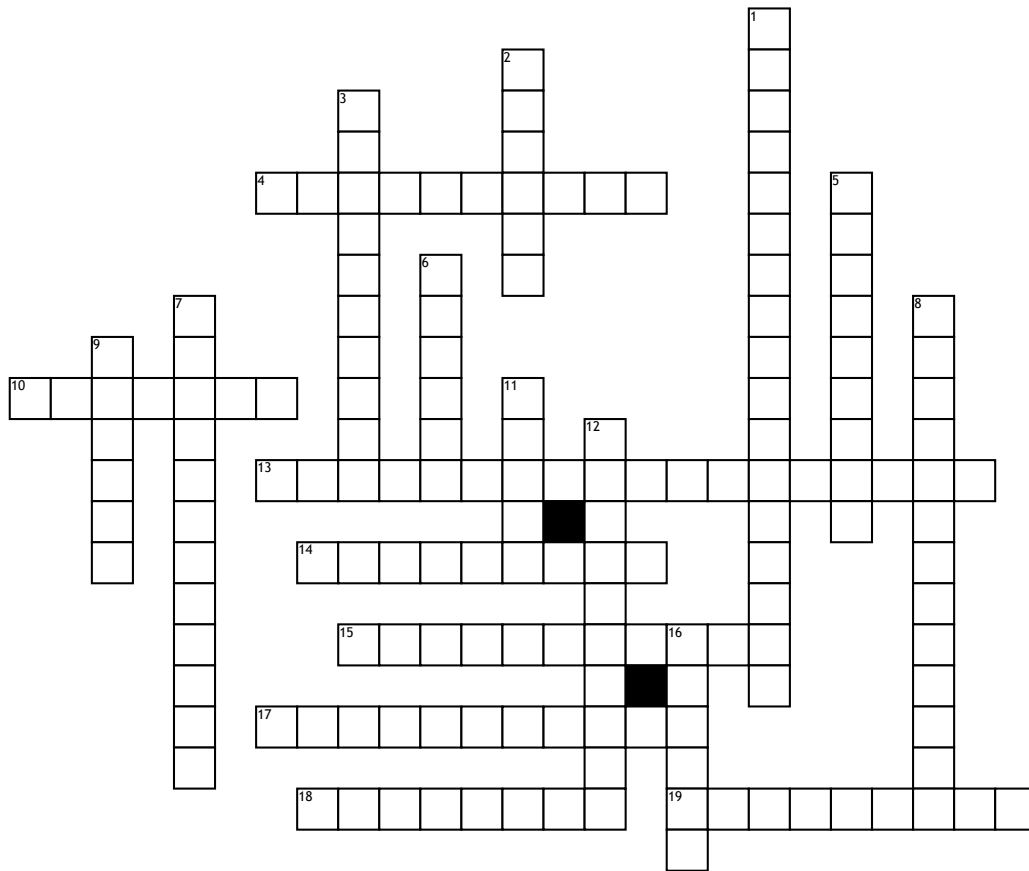


# Earth words



**Across**

- 4. the process by which sound waves travel through a medium
- 10. a very hard, granular, crystalline, igneous rock consisting mainly of quartz
- 13. builds up rock
- 14. the emission of energy as electromagnetic waves
- 15. all the waters on the earth's surface, such as lakes and seas,
- 17. the rigid outer part of the earth, consisting of the crust and upper mantle.

- 18. the continuous physical force exerted on or against an object by something in contact with it.
- 19. ny of the almost spherical concentric regions of matter that make up the earth and its atmosphere, as the lithosphere and hydrosphere.

**Down**

- 1. breaks down rock
- 2. set of connected things or parts forming a complex whole, in particular.
- 3. the movement caused within a fluid by the tendency of hotter and therefore less dense
- 5. the zone of air, land and water where organisms exist

- 6. a dark, fine-grained volcanic rock
- 7. an elastic wave in the earth produced by an earthquake or other means.
- 8. he upper layer of the earth's mantle, below the lithosphere
- 9. the mostly-solid bulk of Earth's interior.
- 11. underlain by the mantle.
- 12. the envelope of gases surrounding the earth or another planet.
- 16. he strength and vitality required for sustained physical or mental activity.

**Word Bank**

- |             |                     |             |               |
|-------------|---------------------|-------------|---------------|
| Lithosphere | Basalt              | Hydrosphere | Geosphere     |
| Biosphere   | Destructive forces  | Pressure    | Atmosphere    |
| Crust       | Seismic waves       | Granite     | Asthenosphere |
| Energy      | Constructive forces | Mantle      | Convection    |
| System      | Conduction          | Radiation   |               |