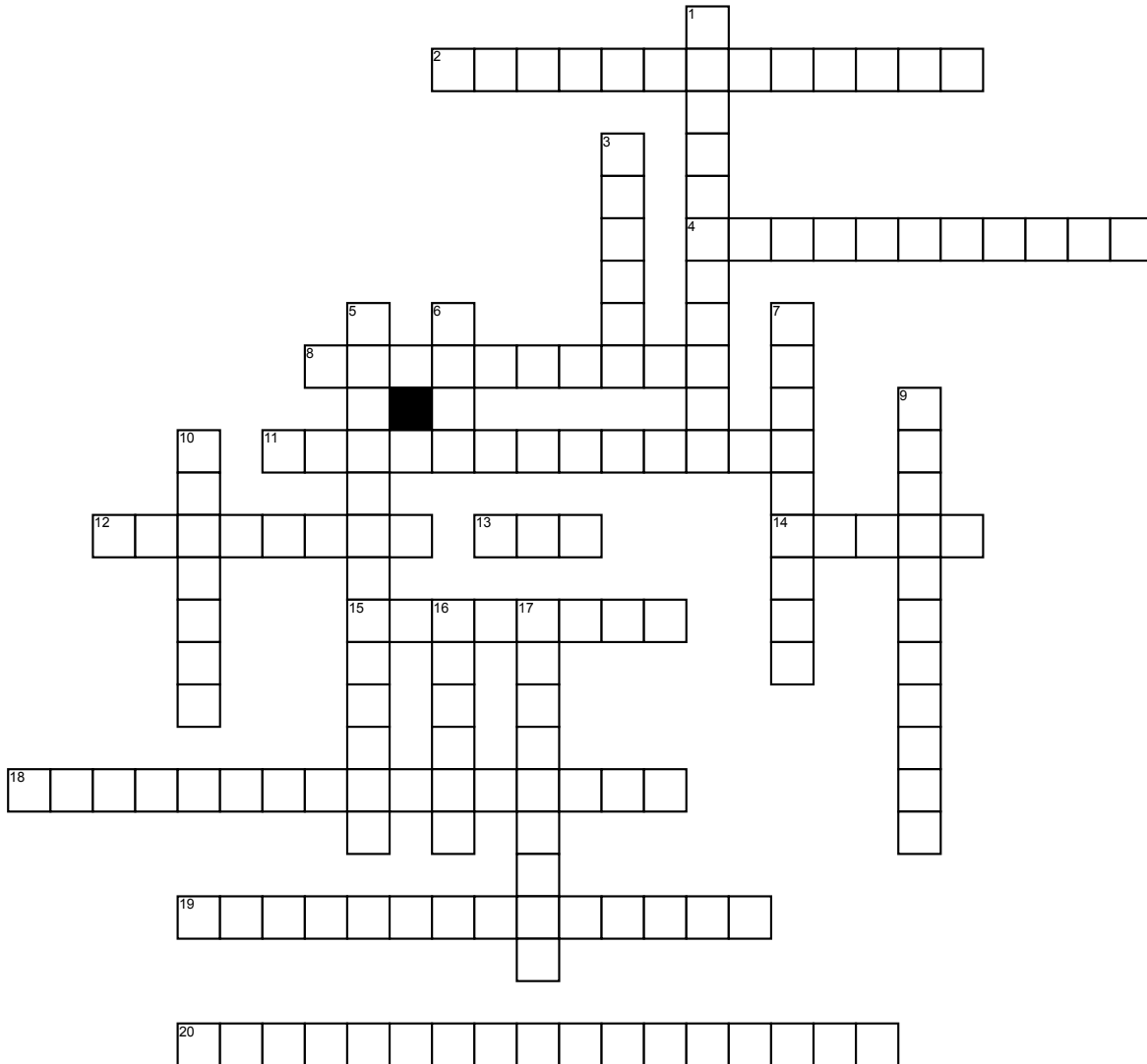


SCIENCE PROJECT Layers of the Earth



Across

- 2. When Earth's magnetic poles change places.
- 4. A machine used to measure a seismic wave.
- 8. The strong, lower part of the mantle between the asthenosphere and the outer core.
- 11. The soft layer of the mantle on which the tectonic plates move.
- 12. South America and Africa fit together and they are called _____.
- 13. Pangaea existed around _____ million years ago.
- 14. The thin and solid outermost layer of the Earth above the mantle.

- 15. A substance composed of 2 or more elements.
- 18. The hypothesis that states that the continents once formed a single landmass and then split apart till where they are now.
- 19. Places where sea-floor spreading takes place.
- 20. The process where new oceanic lithosphere forms as magma rises to the surface.

Down

- 1. The solid, outer layer of the Earth that is made up of the crust and the rigid upper part of the mantle.
- 3. The continents fit together like a _____.

- 5. A block of lithosphere that is made up of the crust and the rigid, outermost layer of the mantle.
- 6. The central part of the Earth below the mantle.
- 7. The solid layer of the center of Earth.
- 9. An earthquake may occur and produce vibrations called _____.
- 10. This word is Greek for "all earth."
- 16. The layer of rock between the Earth's crust and core.
- 17. The liquid layer of the center of Earth.