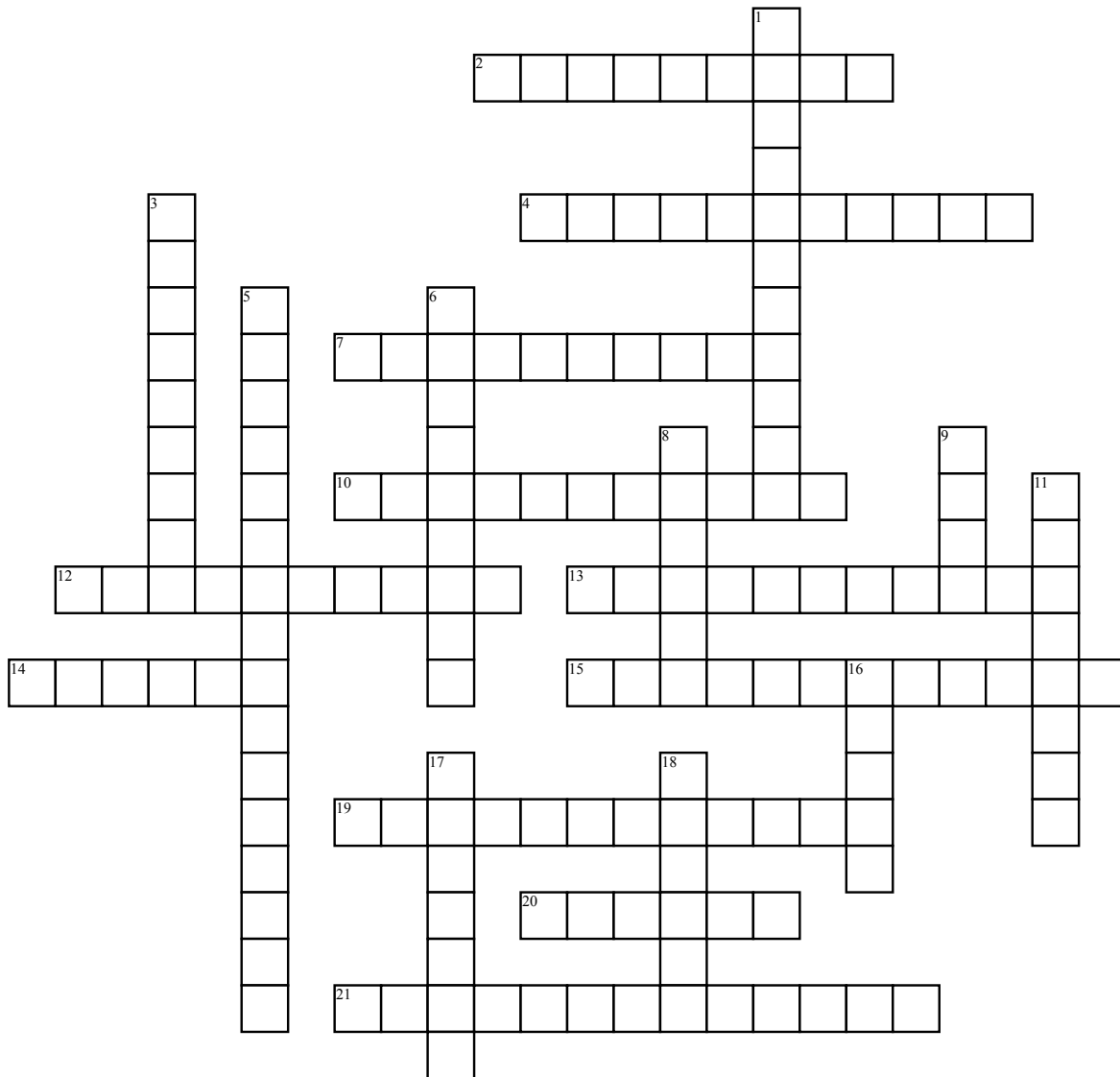


# Center of Earth



**Across**

- 2. Very hot liquid part of the earth
- 4. Increases as you go down into the earth.
- 7. Heat transfer when objects touch.
- 10. Waves that tell us about the inside of the earth
- 12. Heat transferred by movements of currents within a fluid.
- 13. The upper part of the mantle and part of the crust above it.
- 14. Dark rock with fine texture. Very dense.
- 15. Crust under the ocean; made of mostly basalt.

- 19. Travel along the surface of the Earth. Move slowly
- 20. Secondary waves side to side and up and down. Cannot travel through liquids
- 21. Softer part of mantle that is about 350 km deep.

**Down**

- 1. Part of the earth that is hot but solid. Extends all the way to the Earth's core.
- 3. Transfer of heat by waves, travels through space.
- 5. Crust that forms continents; made of granite.

- 6. Very hot part of the earth, but the pressure pushes the atoms together keeping it solid.
- 8. Second layer of earth made up of hot rock, but the rock is solid.
- 9. Part of the earth made mostly out of iron and nickel.
- 11. Increases as you go down because of the weight of the earth above.
- 16. Thin layer of solid rock that includes both both dry and land and the ocean floor.
- 17. Light colored rock with coarse texture.
- 18. Primary waves where crust squeezes back and forth like an accordion