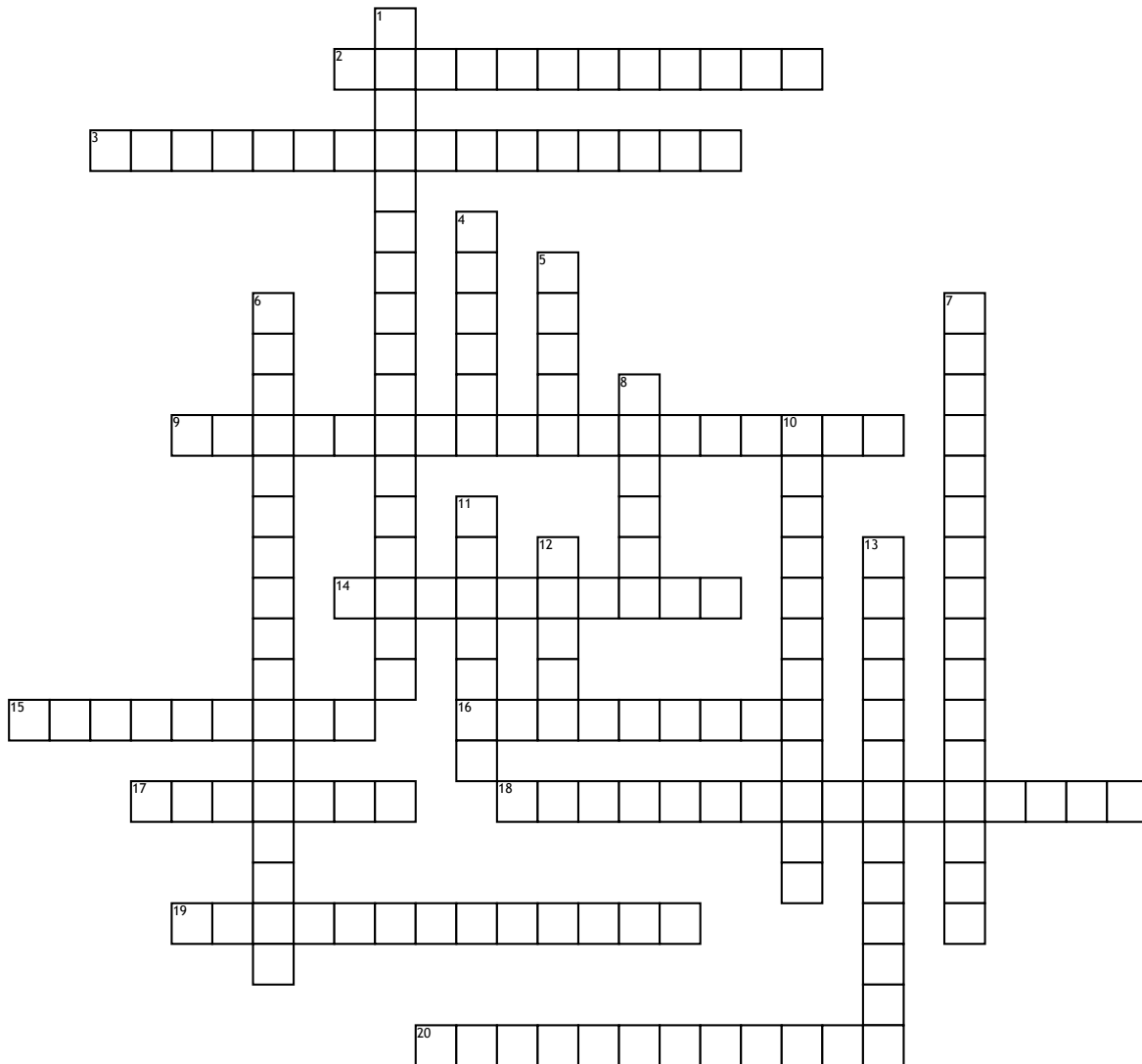


plate tectonics project



Across

- 2. when earthquakes occur they create
- 3. what is a well tested concept that explains a wide range of observations.
- 9. where two plates move toward each other.
- 14. what is deep valley that forms where 2 plates move apart
- 15. what is openings in earth's surface where hot magma can escape
- 16. this layer surrounds the inner core.

17. this igneous rock is found in continental crust.

- 18. the idea of moving continents
- 19. how many kilometers is the mantle thick
- 20. this soft layer can bend like plastic.

Down

- 1. what is the process that continually adds new material to the ocean floor.
- 4. what was the name of the supercontinent that Alfred Wegener thought was true
- 5. rigid outer layer of the earth

6. where 2 plates move past each other

- 7. where two plates move away from each other.
- 8. what is a trace of an organism preserved in a rock
- 10. what scientist thought Pangea was true
- 11. what is a small area in earth's mantle where hot magma rises to the surface
- 12. what are breaks or cracks in earth's lithosphere along which the rocks move
- 13. what is an undersea mountain chain where new floor is produced