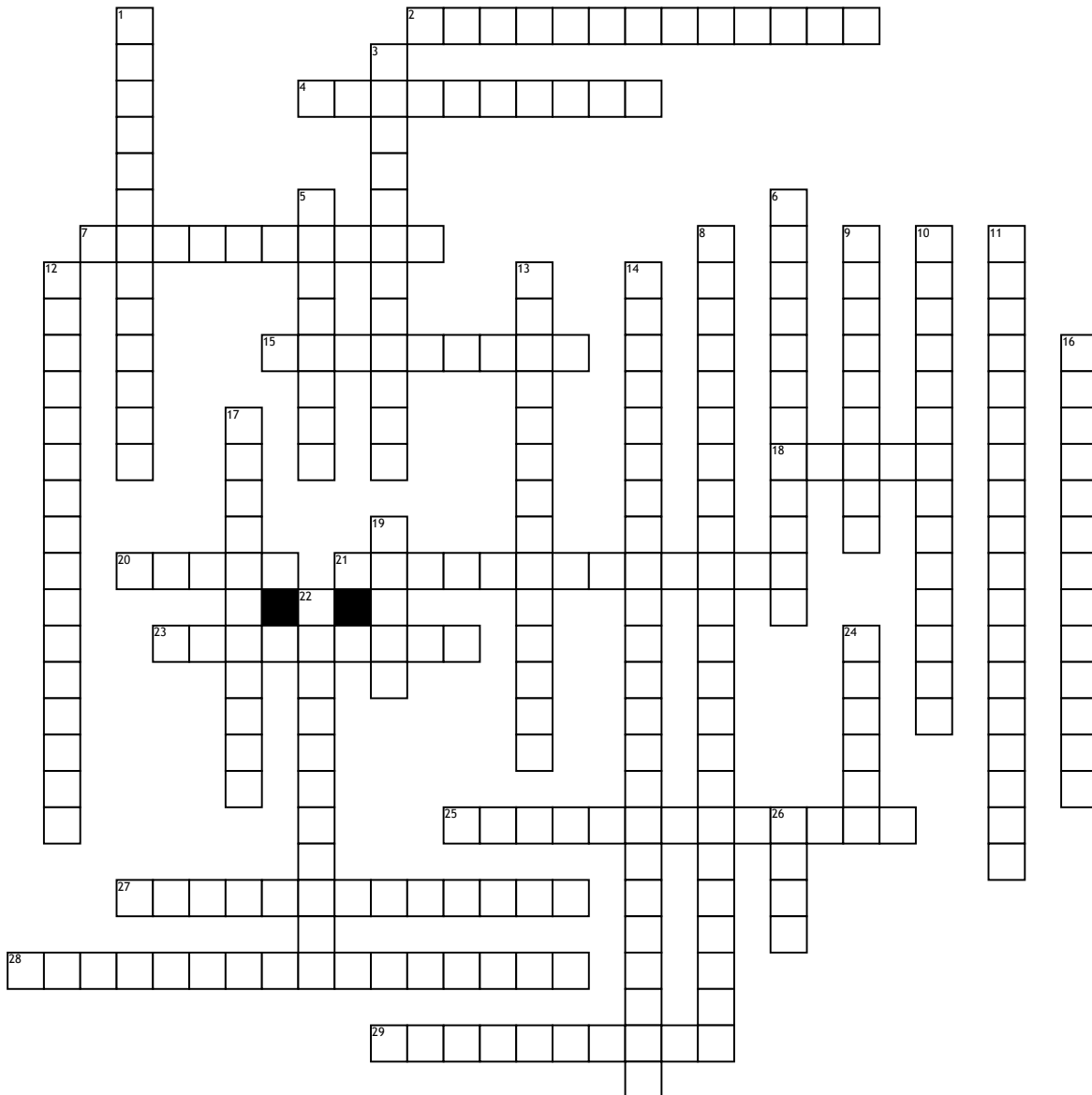


Tectonic Plates and the Structure of the Earth



Across

2. A _____ with gently sloping sides, runny lava and less violent eruptions
4. Line graph produced to show the extent of an Earthquake
7. Formed when 2 continental plates move apart
15. The point on the ground where the waves of energy from an Earthquake are released
18. Outermost layer of the Earth
20. Molten rock inside a volcano
21. Formed at Collision zones when 2 continental plates push together
23. Term used to describe the strength of an Earthquake
25. Formed by destructive plate margins under the sea
27. A _____ that has erupted at least once in the last 10000 years

28. A _____ with very steep sides and sticky acidic lava. Found at destructive plate margins.

29. The downward movement of a plate going into the mantle beneath another plate

Down

1. When 2 continental plates move forwards and collide into each other
3. Scale used to measure the magnitude of a volcano
5. When an Oceanic plate boundary subducts at a destrcutive plate margin and pulls the rest of the plate with it
6. A denser, thinner, younger part of the crust. Found under the sea
8. When 2 plates move apart due to convection currents in the Mantle
9. When new land is formed from a constructive plate margin, it pushes the 2 plates apart

10. A _____ that hasn't erupted in the past 10000 years

11. These _____ pull plates apart when they reach the crust, cool and sink back down to the mantle

12. A less dense thicker part of the crust. Older than Oceanic crust and found on land.

13. An active _____ that is not erupting, but is likely to erupt again

14. When 2 plates slide past each other move in the same direction but at different speeds.

16. Measurement used for the amount of destruction caused by an Earthquake

17. Instrument used to measure Earthquakes

19. The point under the ground where the Earthquake starts

22. The rigid outer part of the earth, consisting of the crust and upper mantle

24. The region of the earth's interior between the crust and the core

26. The centre of the Earth