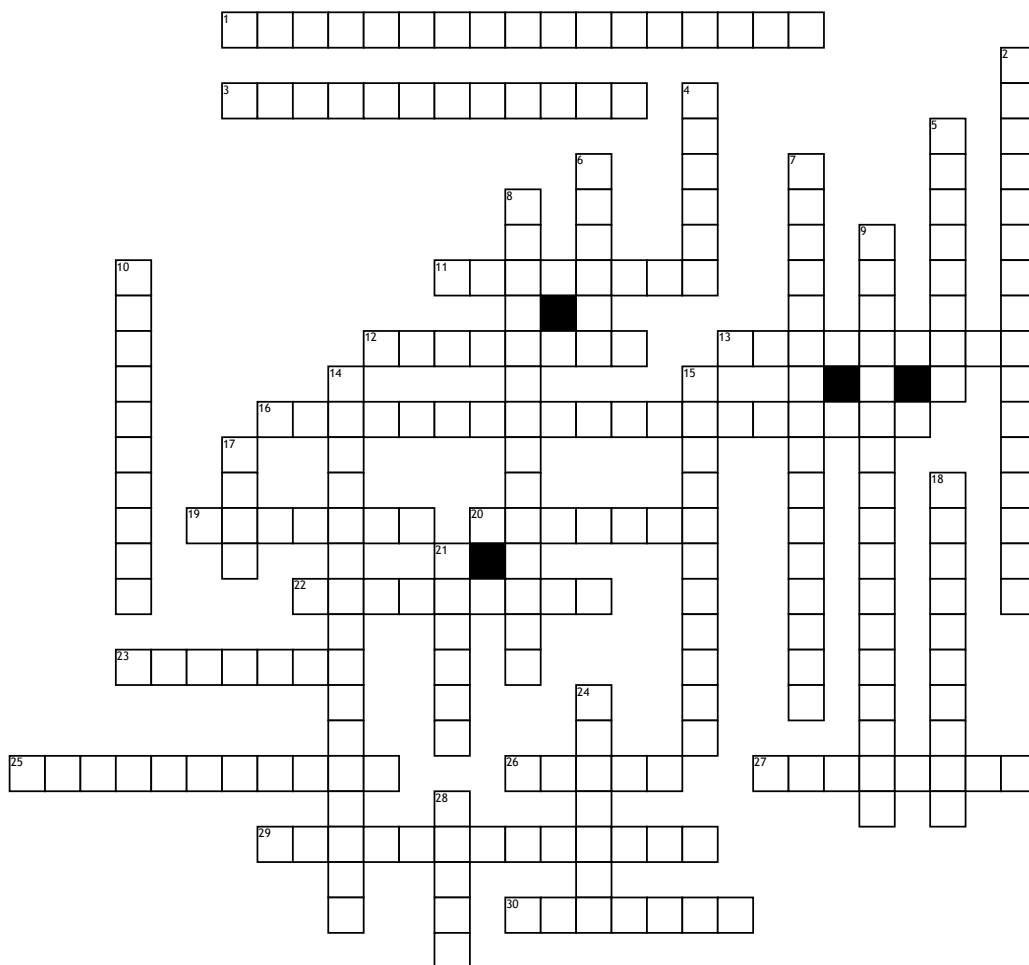


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# Seafloor Spreading



## Across

1. rift in underwater mountain range where new oceanic crust is formed
3. thin layer of the Earth that sits beneath ocean basins
11. to break
12. base level of measuring elevations
13. one of the seven main land masses on Earth
16. mid-ocean range where seafloor spreading is occurring
19. to know the outcome of a situation in advance
20. an opening where lava, ash, and gases erupt
22. person who studies the physical formations of the Earth
23. to pull downward or beneath something

25. a long, deep depression in the ocean floor

26. having parts or molecules that are packed together closely
27. solid material transported and deposited by water, ice, and wind
29. series or chains of mountains that are closely together
30. chemical material that can be easily shaped when heated in high temps

## Down

2. underwater range that runs from Iceland to Antarctica
4. space an object occupies
5. salty water from an ocean or sea
6. middle layer of earth, made by mostly solid rock

7. the movement of continents resulting from the motion of tectonic plates

8. movement and interaction of the Earth's plates
9. convergent tectonic plate boundary
10. horseshoe-shaped string of volcanoes and earthquake sites
14. thick layer of Earth that sits beneath continents
15. rock formed by the cooling of magma or lava
17. the extremely hot center of earth
18. scientific instrument used to measure the strength of Earth's magnetic field
21. solid material turned to liquid by heat
24. super continent of all the earth's landmasses that existed 250 million years ago
28. molten rock beneath Earth's surface

## Word Bank

plate tectonics	plastic	sediment	slow spreading center	core
subduct	active plate margin	igneous rock	magma	seafloor spreading
mantle	geologist	molten	Pangaea	volume
ocean trench	fracture	continent	Mid-Atlantic Range	magnetometer
predict	continental crust	continental drift	seawater	sea level
dense	Ring of Fire	volcano	mountain range	oceanic crust