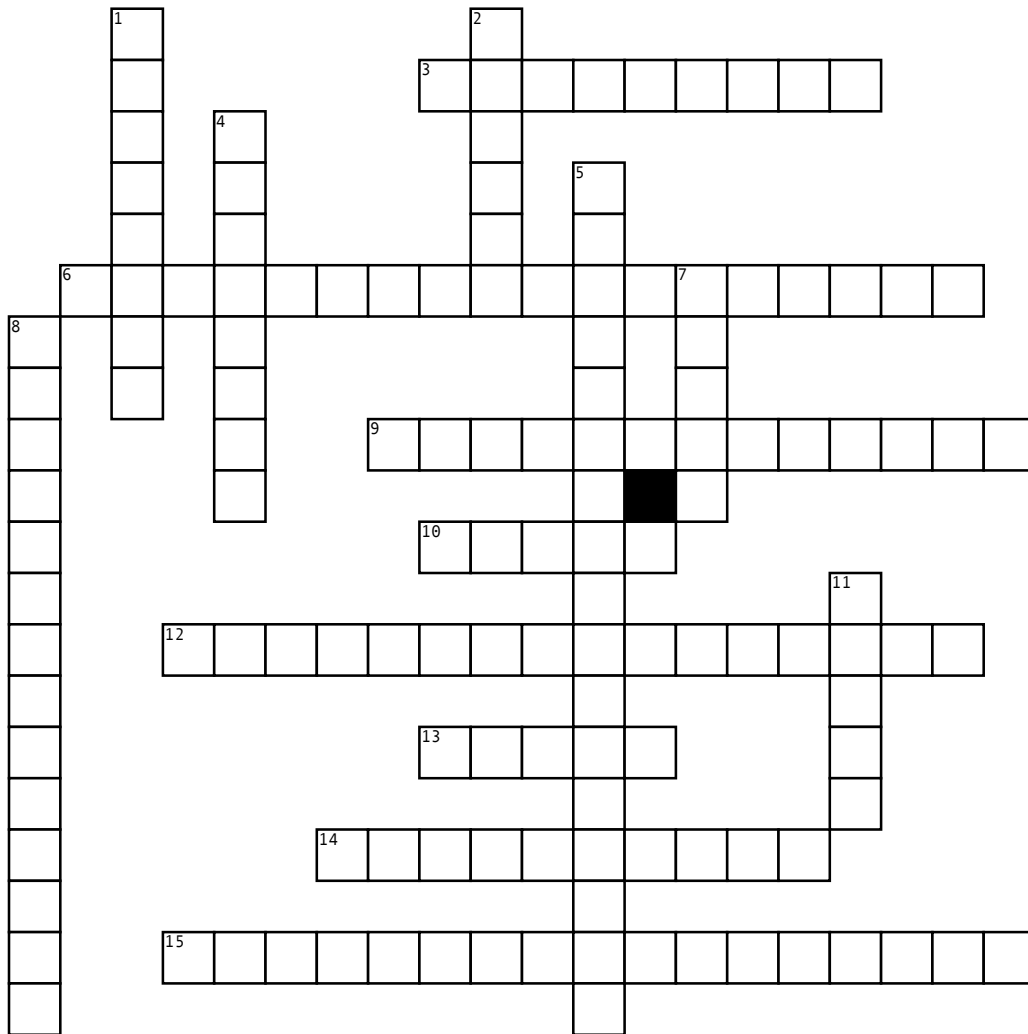


# Seafloor Spreading Caleigh Mikes



## Across

3. an American geologist: suggested that the ocean floors moved like conveyor belts, carrying the continents along with them

6. evidence shows that the Earth's magnetic poles

9. the longest chain of mountains in the world, located underwater.

10. Holes were drilled in the floor of the

12. Hess and his evidence led other scientists to look at Wegener's theory of

13. The farther away from the ridge the samples were taken, the ..... the rocks were.

14. process by which the ocean floor sinks beneath a deep ocean trench and back into the mantle

15. Rocks that make up the ocean floor lie in patterns of

## Down

1. They found that the .... rocks were always found in the center of the ridges

2. Earth is like a giant

4. The mid ocean ridge curves like the seams of a

5. forms where oceanic crust bends downward

7. device that bounces sound waves off underwater objects and then records the echoes of these sound waves.

8. rises from the mantle and erupts

11. As the molten material cools, it forms a strip of solid rock in the center of the

## Word Bank

Molten Material

Ridge

Reversed themselves

Youngest

Sonar

Baseball

Magnet

Subduction

Mid Ocean Ridge

ocean

Magnetized stripes

Deep Ocean Trenches

Harry Hess

Continental Drift

Older