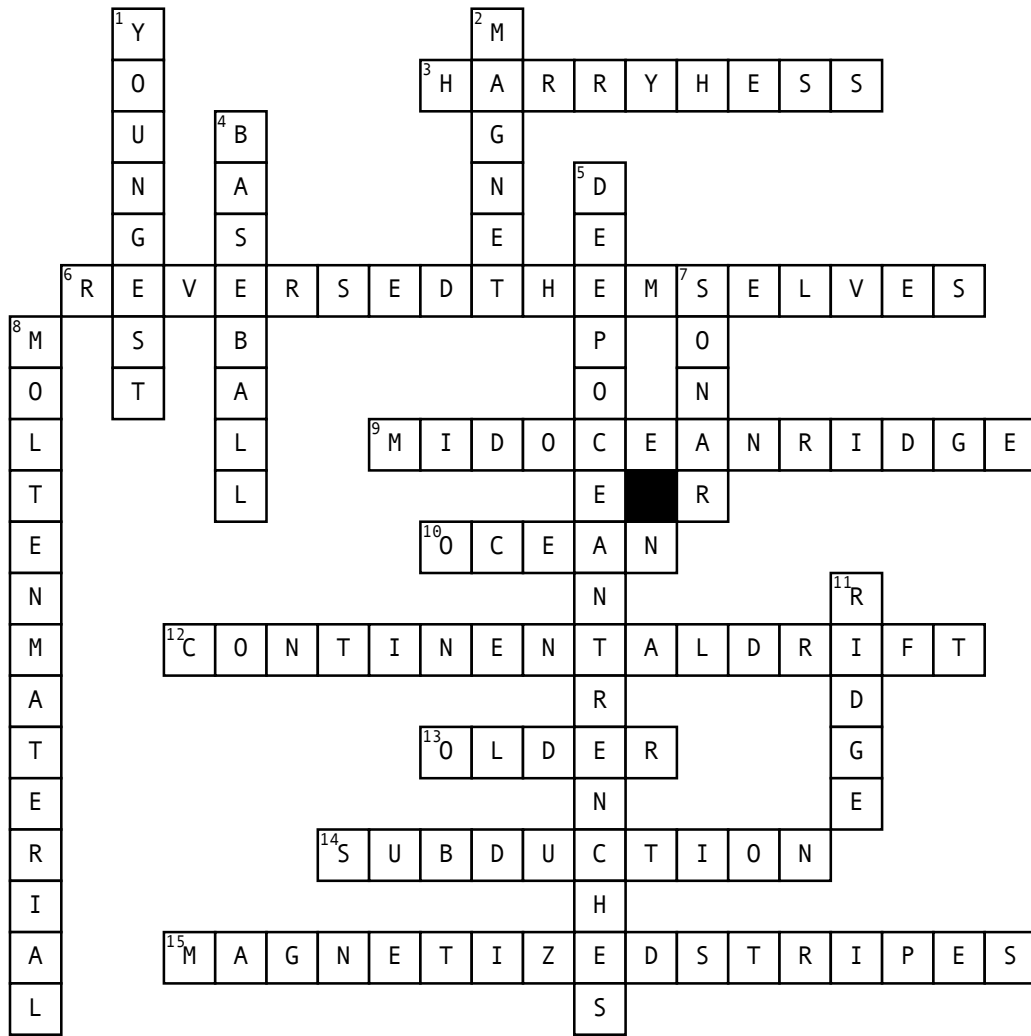


Seafloor Spreading Caleigh Mikes



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. he 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 lies 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 echos 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

Sonar
Subduction
Mid Ocean Ridge
Harry Hess
ocean

Magnetized stripes
Continental Drift
Youngest
Molten Material
Ridge

Magnet
Reversed themselves
Older
Deep Ocean Trenches
Baseball