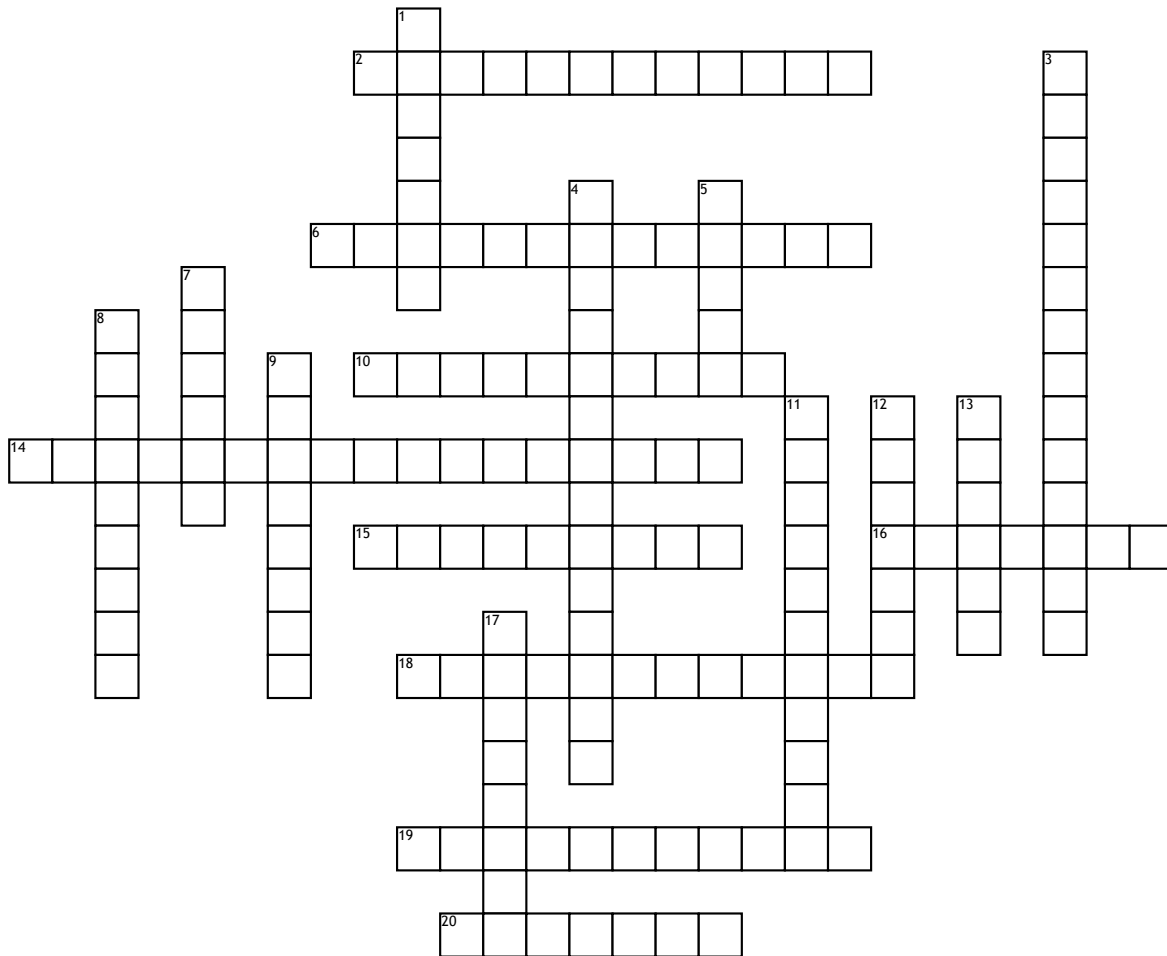


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Kaylee Langley Amber Baker Gage Wiley



## Across

2. what was the pattern they used to make the first maps of continents  
6. by drilling a hole into the seafloor and measuring the temperature, scientists can measure the amount of \_\_\_\_\_  
10. Once ocean depths were determined, scientists could create a \_\_\_\_\_ map of the seafloor.  
14. What is the process which new oceanic crust forms  
15. he studied \_\_\_\_\_ deposited by glaciers in South America  
16. \_\_\_\_\_ of similar organisms have been found on several continents that had separated  
18. as the seafloor continues to spread apart, the older \_\_\_\_\_ moves away from the mid-ocean ridge.

19. science questioned continental drift was because of its \_\_\_\_\_  
20. The surface \_\_\_\_\_ breaks down rocks into sediments

## Down

1. this new theory suggested that Earth's surface is \_\_\_\_\_ into large plates of rigid rock  
3. the theory of \_\_\_\_\_ states that Earth's that Earth's surface is made of rigid slides of rocks  
4. \_\_\_\_\_ investigated whether the earth's continents were fixed in their positions  
5. they were able to determine the \_\_\_\_\_ of the ocean using a device called an echosounder  
7. beneath the continents is called the \_\_\_\_\_

8. convection current in the mantle produce a force that causes motion called \_\_\_\_\_  
9. Plates are \_\_\_\_\_ on top of a hot and semi-plastic mantle  
11. plates tectonics provides an explanation for the occurrence of \_\_\_\_\_ and volcanic eruptions  
12. What was not possible to measure about the continents moving  
13. as the mantle cools, it because \_\_\_\_\_ and then sinks, forming a convection current  
17. what was the evidence between the drifting continents found on \_\_\_\_\_