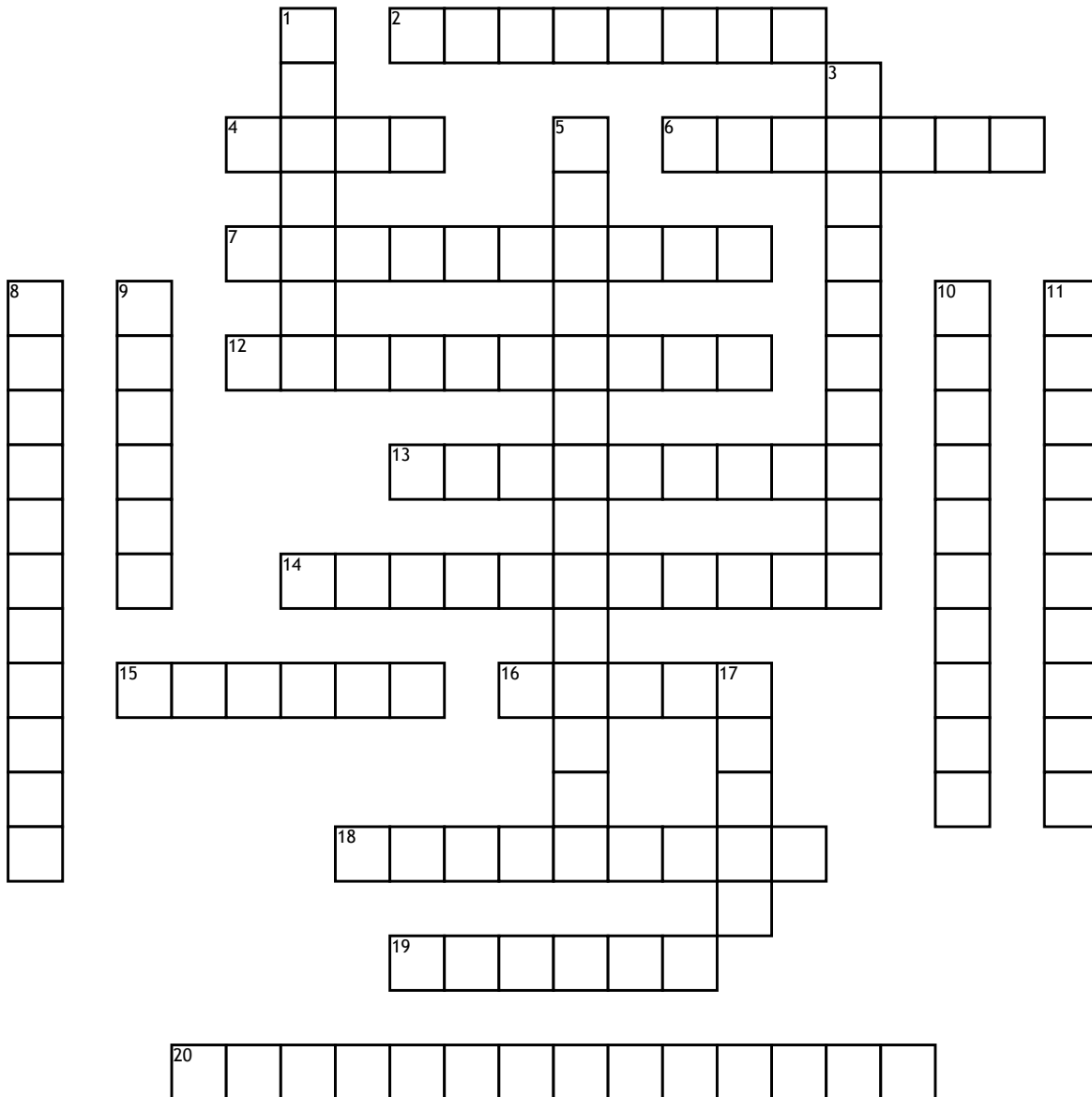


Name: _____

Date: _____

Science



Across

2. a white, foaming wave with a very steep crest that breaks in the open ocean before the wave gets close to the shore
 4. the area between the breaker zone and the shore
 6. a heightened water wave that begins to tumble downward, or break, upon nearing the shore
 7. the time between the passage of two wave crests (or troughs) at fixed points
 12. the difference between levels of ocean water at high and low tides
 13. a process in which cold, nutrient rich water from the deep ocean rises to the surface and replaces warm surface water

14. a stream like movement of ocean water far below the surface
 15. rolling waves that move in a steady procession across the ocean
 16. the highest point of a wave
 18. tides with minimum daily tidal range that occur during the first and third quarters of the moon
 19. the lowest point of a wave
 20. the curving of moving objects from a straight path due to the Earth's rotation

Down

1. a wave that forms when a large volume of ocean water is suddenly moved up or down
 3. the vertical distance between a wave's crest and its trough

5. a stream like movement of water that occurs at or near the surface of the ocean
 8. tides with maximum daily tidal range that occur during the new and full moons
 9. periodic change in the location of warm and cool surface waters in the Pacific Ocean
 10. a local rise in sea level near the shore that is caused by strong winds from a storm such as a hurricane
 11. the distance between two adjacent wave crests and its trough
 17. daily movements of ocean water that change the level of the ocean's surface