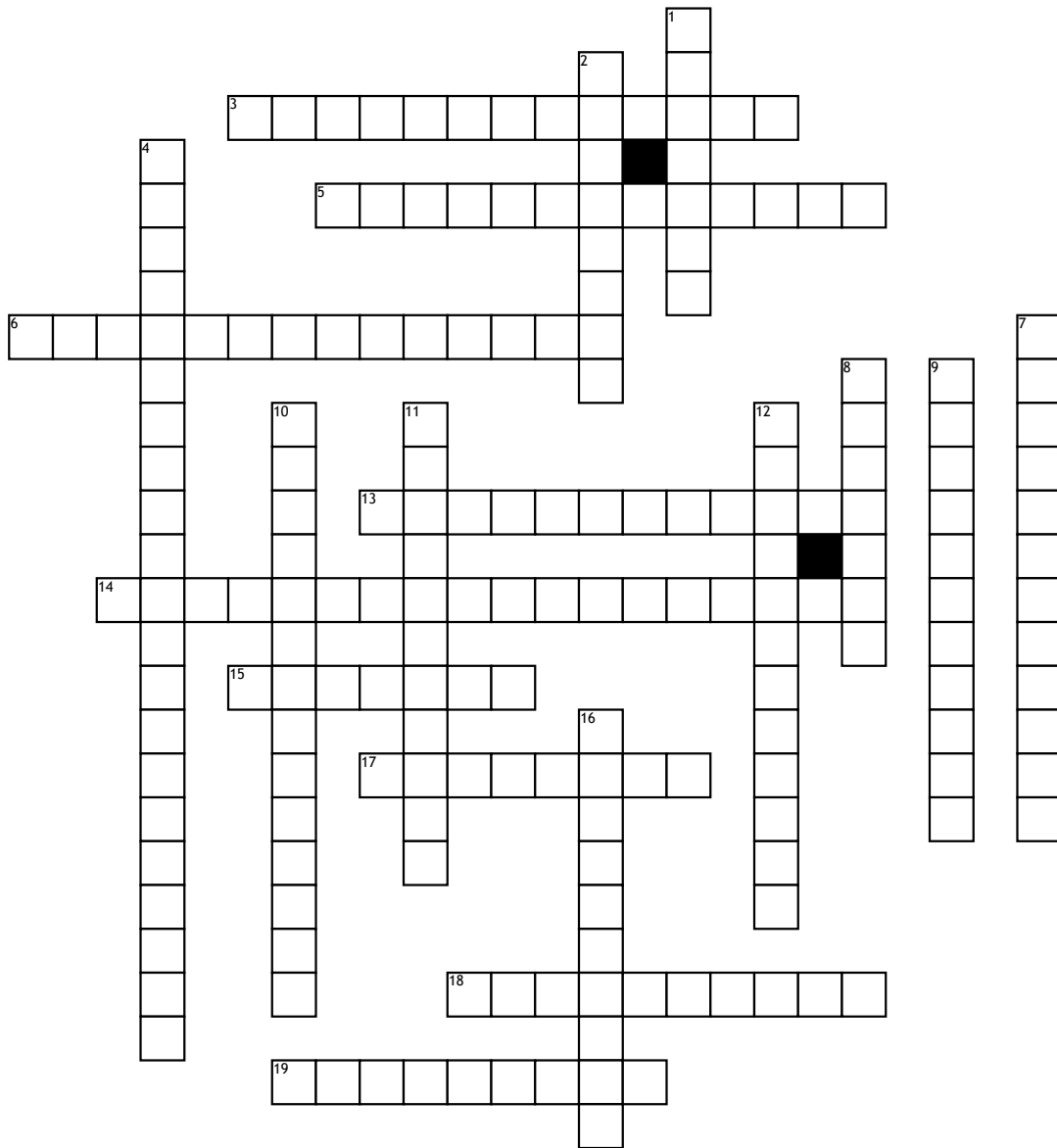


Name: _____

Date: _____

Ocean Currents and Climate



Across

3. water that falls to the earth as rain, snow, sleet, or hail
 5. plants open their pores for carbon dioxide and lose water to evaporation
 6. the apparent curving path of a moving object from an otherwise straight path due to the Earth's rotation
 13. these currents begin near the equator and travel toward the poles
 14. A constantly moving system of deep ocean circulation driven by temperature and salinity
 15. the side of the mountain that receives very little rainfall; the rain shadow

17. the side of a mountain that receives great amounts of rainfall due to warm, moist air traveling upward
 18. the continuous process by which water moves from Earth's surface to the atmosphere and back; driven by energy from the sun & gravity
 19. winds blowing from the sea toward the land; occur during the day in coastal areas

Down

1. ocean currents have a big impact on the _____ of an area
 2. a measure of the amount of dissolved salts in a liquid
 4. when currents meet continents they change direction

7. these currents begin near the poles and travel toward the equator
 8. the amount of matter in a given space or volume
 9. a stream-like movement of ocean water far below the surface
 10. a horizontal movement of ocean water that is caused by wind and that occurs at or near the ocean's surface
 11. water, driven by the heat of the sun, changes into vapor and rises into the air
 12. water vapor cools and changes back into liquid form
 16. winds blowing from the land toward the sea; occur in the evening in coastal areas