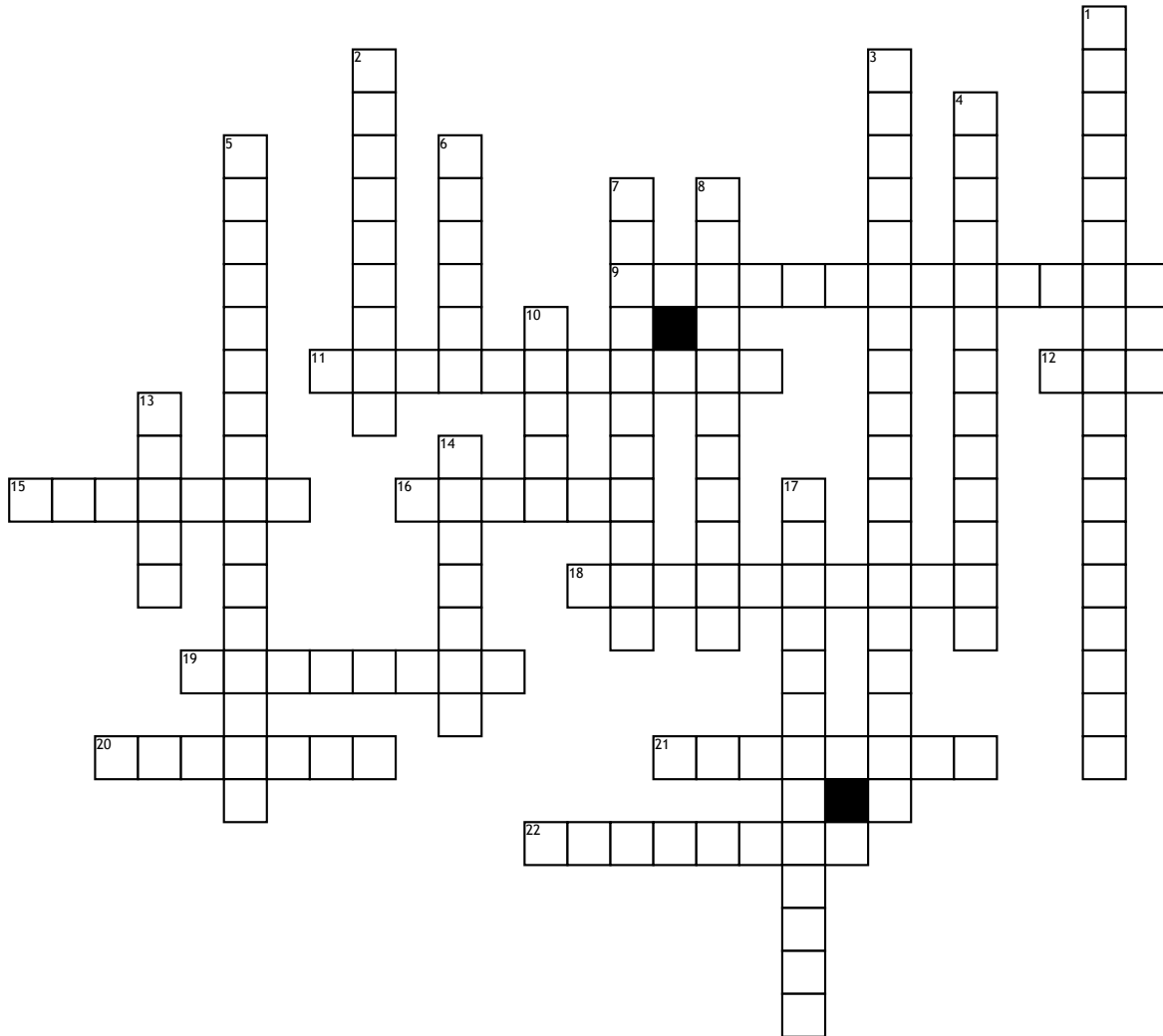


Name: _____

Date: _____

Climate Mastery Option 5



Across

9. sea connected to the Atlantic Ocean, surrounded by a basin
 11. dome-shaped sheets of ice found in the north and south poles
 12. free from moisture or liquid; not wet or moist
 15. general weather conditions over many years
 16. an area where evaporation exceeds precipitation and precipitation levels do not exceed 25 cm per year
 18. region having little or no rain
 19. an area of high or mountainous land
 20. grassy plain in subtropical and tropical regions
 21. the height of a point in relation to sea level or ground level

22. average monthly temperature of at least 18 degrees Celsius, influenced by _____ air masses.

Down

1. broadleaf evergreen forest with a warm annual mean temperature, high humidity, and heavy rainfall almost daily
 2. height above a given level
 3. biome with moderate temperatures that change significantly from season to season with abundant precipitation spread throughout the year
 4. a term that refers to an increase in global temperatures as a result of increases of carbon dioxide levels (and other gases)
 5. mid-latitude climate zone in Cary, NC
 6. where the tree growth is hindered by low temperatures and short growing seasons; the vegetation is mostly small plants and lichens (2 types)

7. the measure of the average kinetic energy of the particles in a sample of matter

8. climate zone where temperatures get no warmer than 18 degrees Celsius in the coldest month and no colder than 10 degrees Celsius in the warmest month, influenced by tropical and polar air masses
 10. region of earth designated by its unique climate and life forms
 13. measure of the amount of water vapor in the atmosphere
 14. a division of the year marked by changes in weather, ecology, and amount of daylight
 17. any moisture that falls from the air onto the earth's surface