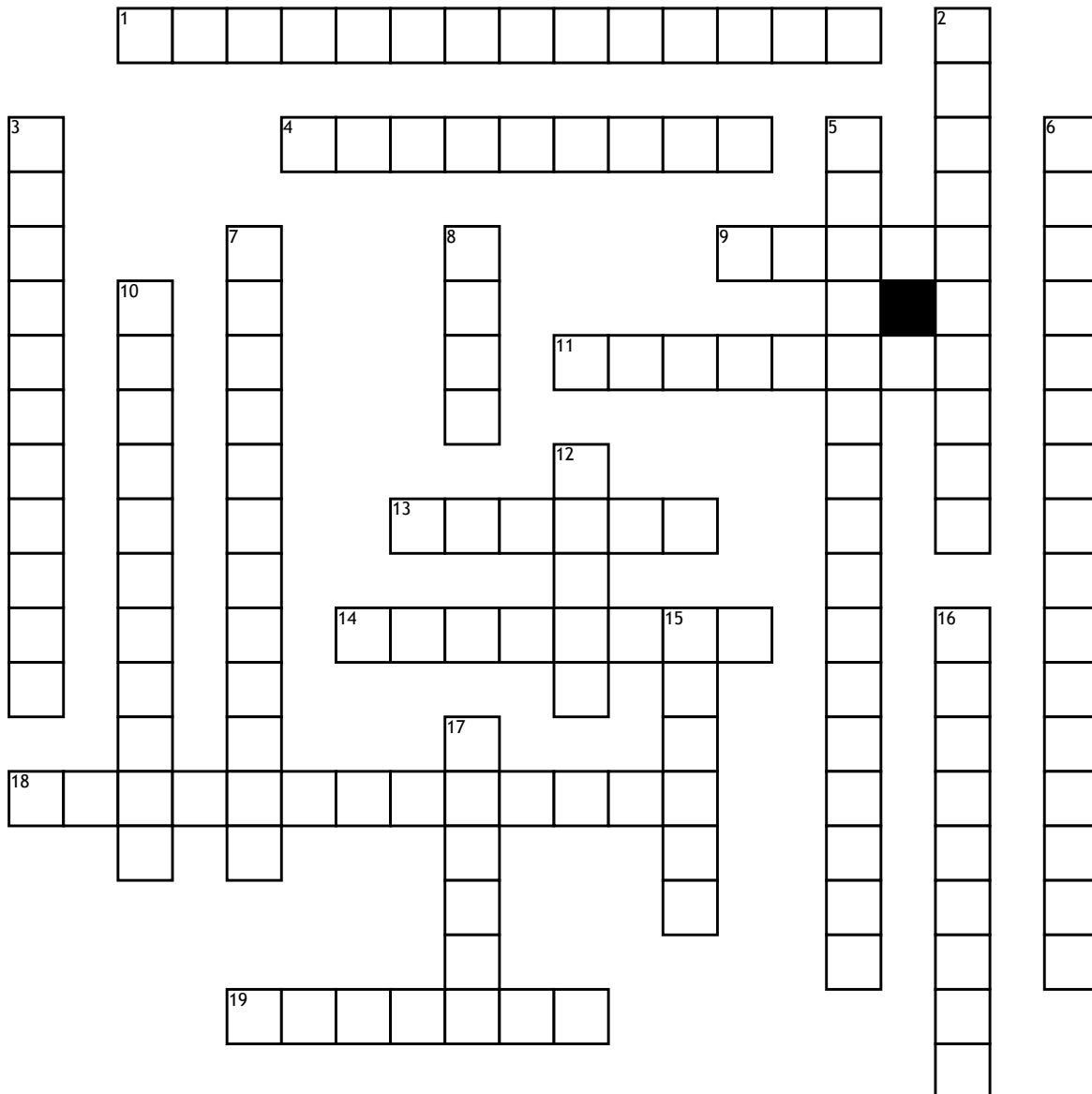


# Vocab Preview



## Across

1. The effect of Earth's rotation on the direction of winds and currents
4. The movement of cold water upward from the deep ocean that is caused by wind
9. A device that determines the distance of an object underwater by recording echoes of sound waves
11. The total amount of dissolved salts in a water sample.
13. A climate event that occurs every 2-7 years in the Pacific Ocean during which winds shift and push warm waters towards the coast of South America
14. A large stream of moving water that flows through the ocean
18. Any type of water that falls from the clouds and reaches Earth's surface

19. The average year-after-year conditions of temperature, precipitation, winds, and clouds in an area

## Down

2. The continual movement of water among Earth's atmosphere, oceans, and land surface through evaporation, condensation, and precipitation.
3. A tide with the greatest difference between high and low tide that occurs when the sun and moon are aligned with the Earth at the new moon and full moon.
5. A steep incline of the ocean floor leading down from the edge of the continental slope
6. A gently sloping, shallow area of the ocean floor that extends outwards from the edge of the continent
7. A smooth, nearly flat region of the deep ocean floor
8. The movement of energy through a body of water
10. Water that fills cracks and spaces in underground soil and rock layers
12. The daily rise and fall of Earth's water on its coastlines
15. A deep, steep-sided canyon in the ocean floor
16. A tide with the least difference between high and low tides that occurs when the sun and moon pull at right angles to each other at the first and third quarters of the moon
17. A climate event in the Eastern Pacific Ocean in which surface waters are colder than normal