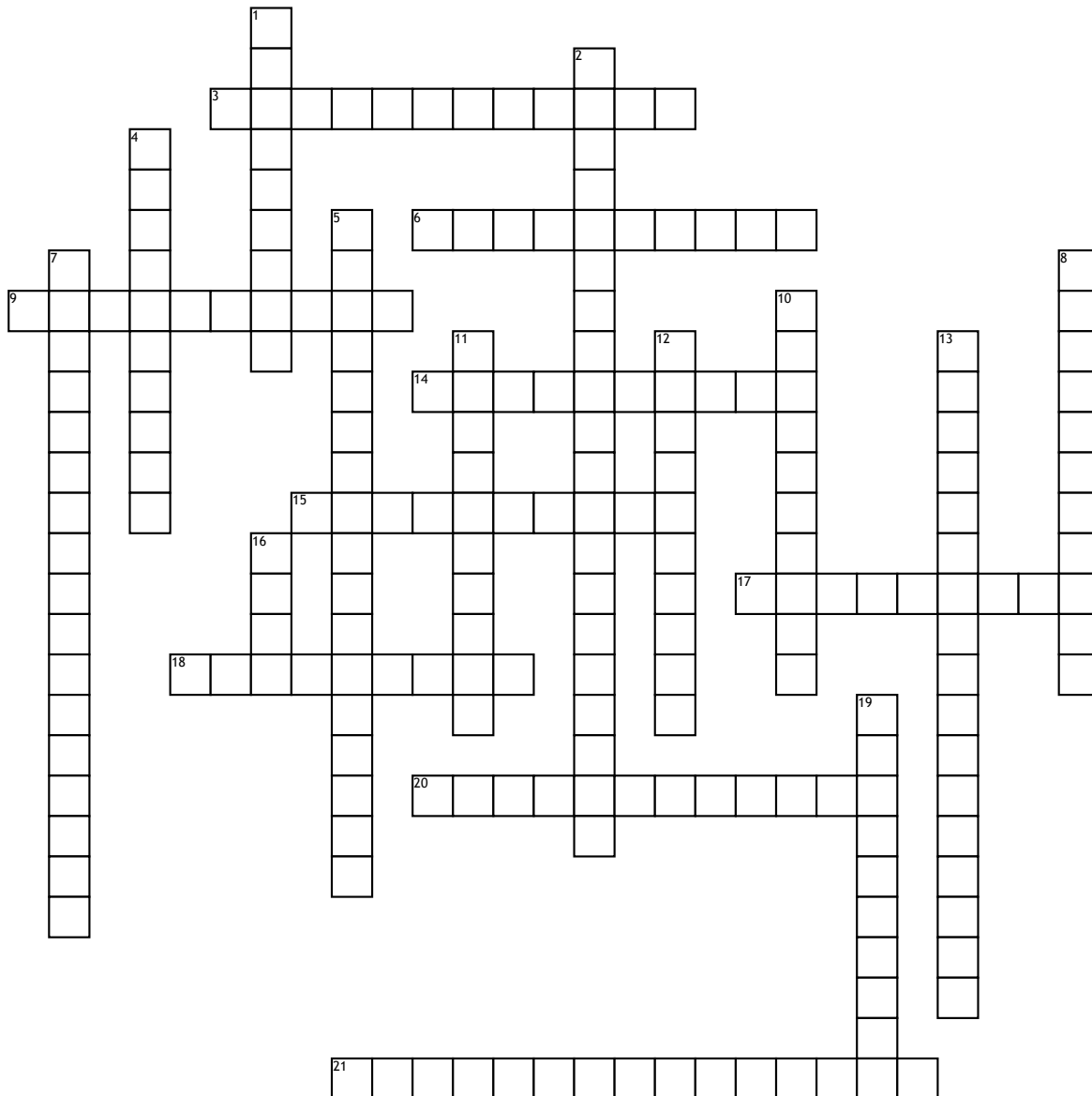


# Earth's Atmosphere



## Across

3. atmospheric layer directly above the troposphere  
 6. steady winds that flow toward the equator from east to west  
 9. gaseous form of water  
 14. transfer of thermal energy by collisions between particles of matter  
 15. steady winds that flow from west to east  
 17. wind that blows from the sea to the land  
 18. transfer of energy by electromagnetic waves

20. contamination of air by harmful substances

21. cold winds that blow from the east to the west near the North and South Poles

## Down

1. narrow band of high winds  
 2. layer of cooler air is trapped by a layer of warmer air above it  
 4. area of the stratosphere with a high concentration of ozone  
 5. interaction between sunlight and chemicals in the air  
 7. mixture of dust, acids and other chemicals that can be harmful to health

8. atmospheric layer closest to Earth's surface

10. wind that blows from the land to the sea

11. transfer of thermal energy by the movement of matter from one place to another

12. thin layer of gases surrounding Earth

13. results from sulfur dioxide and nitrogen oxides combining with moisture in the atmosphere

16. movement of air from high-pressure to low-pressure

19. region within the mesosphere and thermosphere containing ions