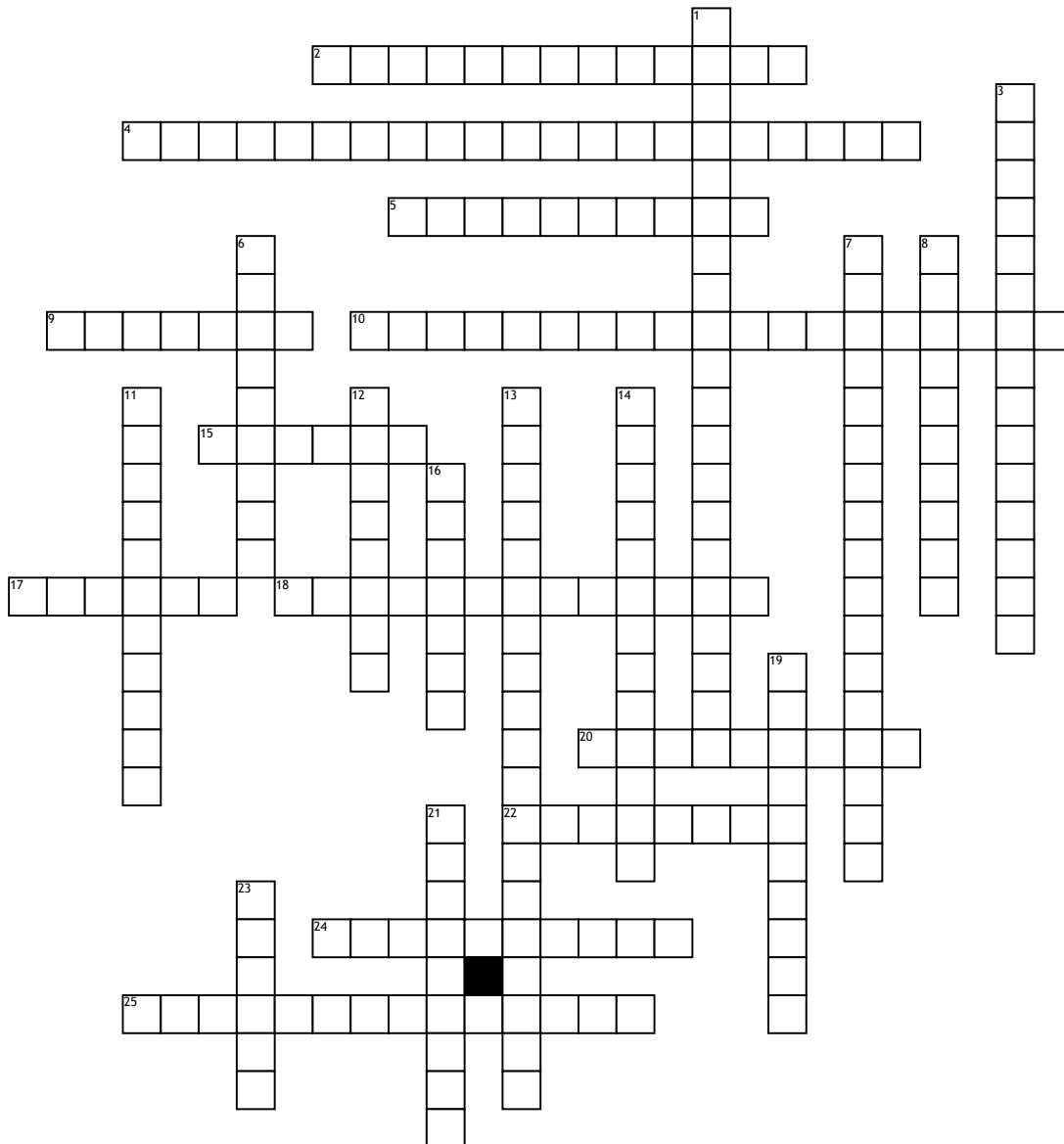


# 8th Grade Science Vocabulary



## Across

2. When 23 chromosomes from a sperm cell combines with 23 chromosomes from an egg cell.  
 4. Organisms that contain more than one cell.  
 5. Mushrooms break down logs for food making it a \_\_\_\_\_.  
 9. A huge grassland area with few trees.  
 10. Digestive process such as chewing that physically breaks apart food.  
 15. Abnormal cell division causes this health problem.  
 17. Group of cells of the same type working together to perform a common function.

18. \_\_\_\_\_ force between two objects is most affected by their mass and distance apart.  
 20. An area composed of all different organisms.  
 22. Plant and meat eaters.  
 24. Path of a ray of light as it passes from air into water.  
 25. What causes infectious diseases in the human population?

## Down

1. Organisms that get energy from their food to carry out all life functions.  
 3. System of the body that removes excess waste from the body. Includes heat, water, etc.  
 6. A liquid expands when heated and \_\_\_\_\_ when cooled.

7. Chemicals such as saliva and stomach acid break down food.  
 8. Sum of all the chemical processes in the human body.  
 11. The thin, solid outer shell of the Earth.  
 12. Structure found in plant cells, but not in animal cells.  
 13. Reproduction where all of the offspring's genes came from one parent.  
 14. Stages of development of a butterfly.  
 16. Day and night are equal length.  
 19. Heat is transferred by \_\_\_\_\_ as warm air rises and cold air falls.  
 21. As temperature increases, speed of molecules \_\_\_\_\_.  
 23. Organisms are classified as producers or consumers according to the way they obtain \_\_\_\_\_.