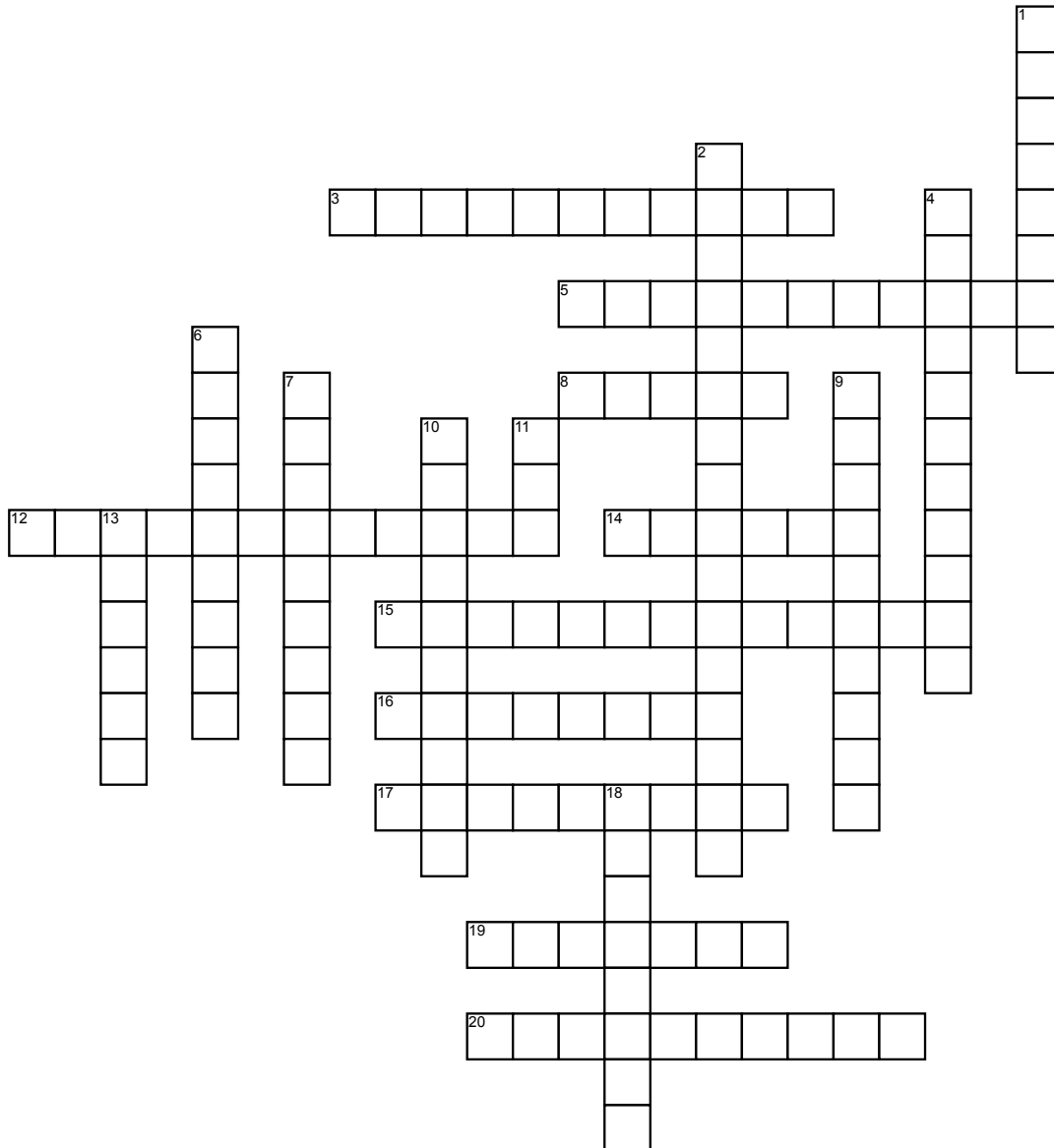


Cells as basic units of life



Across

3. What do we use to observe cells?

5. Cells that enable movement

8. Group of tissues that function together.

12. The organelle responsible for respiration in cells.

14. Group of organs that functions together.

15. Cells that transport oxygen throughout the body.

16. What allows certain substances to move in and out of the cell?

17. Type of cell that has large vacuoles which contribute to the shape of the cell.

19. The core of the cell.

20. These structures include the mitochondria and vacuole.

Down

1. Group of systems that function together.

2. Cells that are adapted to perform specific functions.

4. This organelle is only found in green plants.

6. Cells with the ability to divide into different cells.

7. The liquid where chemical processes (metabolism) take place.

9. Type of cell with no fixed form?

10. These cells transfer electrical impulses.

11. What carries the genetic code used for reproduction?

13. Group of cells that function together for the same purpose.

18. This gives the plant cell its shape and provides protection.