

Plant And Animal Cells

Across

3. Converts fuel particles into usable energy

6. Membrane-bound sac used for temporary storage

10. The movement of particles from an area of high concentration to an area with low concentration

12. A factor that affects the rate of diffusion

13. Last stage of mitosis

15. A thick rigid mesh of fibers that surrounds the outside of the plasma membrane

16. Programmed cell death

17. Relaxed form of DNA

18. The uncontrolled growth and division of cells

20. Made of microtubules

21. Cellular structure that contains DNA

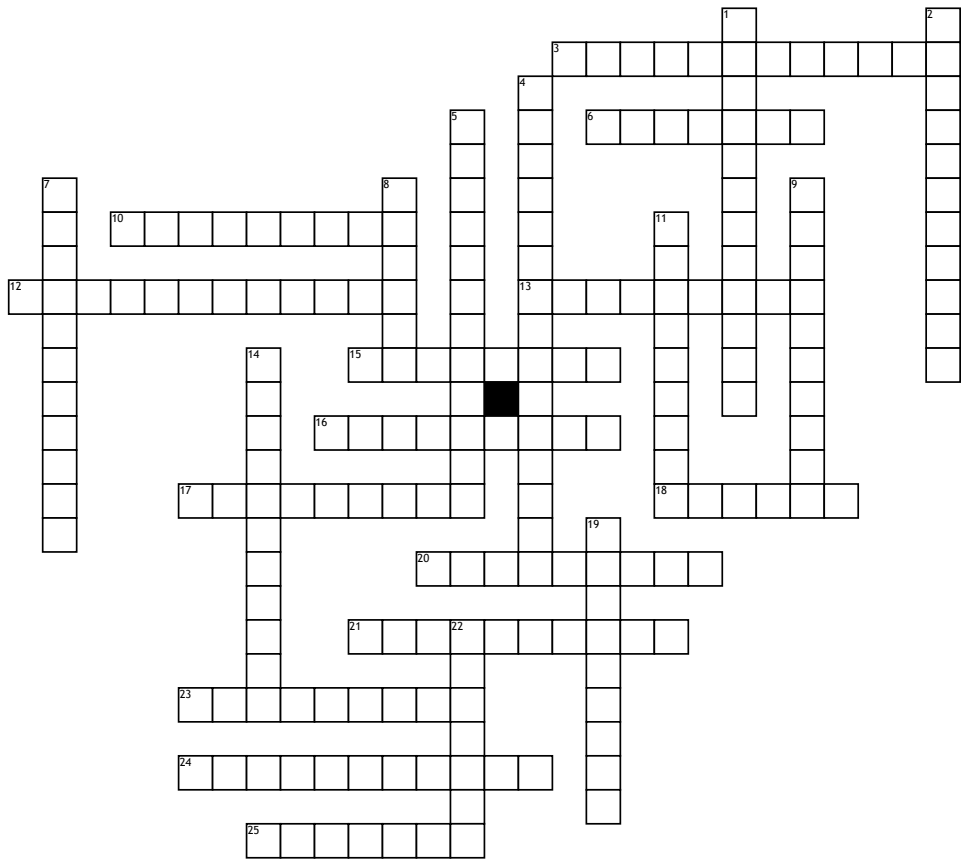
23. A semifluid material

24. The regulation of the internal environment of a cell or organism to maintain conditions suitable for life

25. Contains most of the DNA

Down

1. Captures light and converts it into chemical energy



2. Uses transport proteins to move ions and small molecules across the plasma membrane

4. Type of transport that requires energy input from the cell

5. A supporting network of long thin protein fibers that form a framework

7. Method of transport that allows large substances enter a cell

8. A protein that speeds up the rate of a chemical reaction

9. The stage when the cell grows and develops

11. Type of solution that could cause an animal cell to burst

14. What plant cells contain

19. Organelles that manufacture proteins

22. The diffusion of water across a selectively permeable membrane