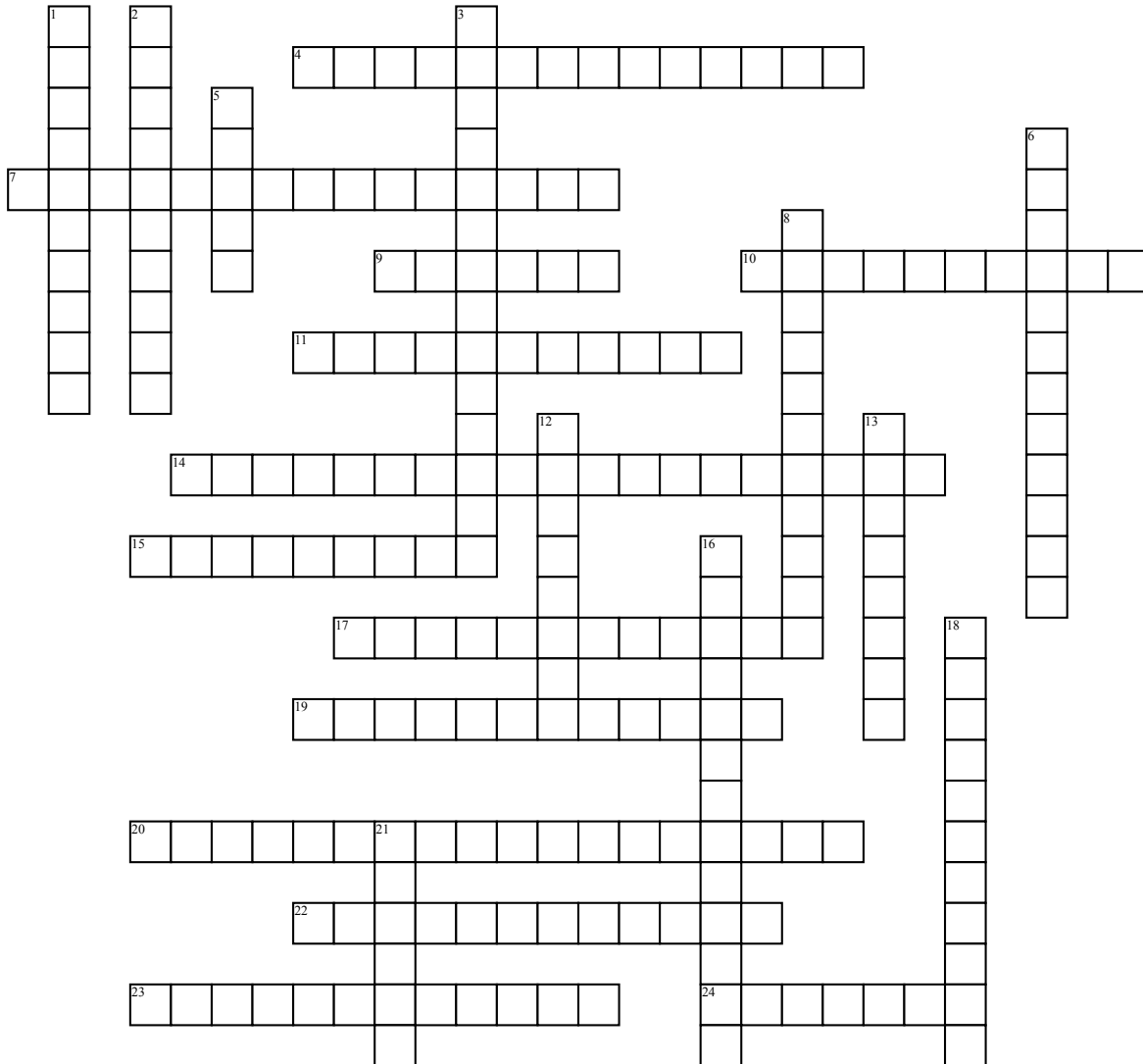


Biology



Across

4. Chloroplasts carry out what process in plant cells?
 7. What is the simplest carbohydrate?
 9. What class of large biological molecules do not form polymers?
 10. What type of cell has a membrane-bound nucleus and organelles?
 11. What type of cell lacks a membrane-bound nucleus and organelles?
 14. What type of reaction occurs when two monomers bond together through the loss of a water molecule?
 15. What organelle is the site of protein synthesis?
 17. What organic polymer makes up proteins? (Hint: polymers of amino acids)
 19. What process stores hydrogen ions as energy for ATP Synthase?

20. _____ is a process that consumes oxygen as a reactant.
 22. _____ is the process of degradation of sugars WITHOUT the use of oxygen.
 23. What organelle is the powerhouse of the cell?
 24. What organelle contains the cell's genetic material?
Down

1. _____ is a series of reactions that breaks down glucose.
 2. Polymers are disassembled to monomers by _____.
 3. What organelle receives and ships proteins and lipids?
 5. Cell walls are found only in what type of cells?
 6. What type of bond links amino acids?

8. DNA is a nucleic acid made up of monomers called _____.
 12. _____ is a long molecule consisting of many similar or identical building blocks.
 13. Small, repetitive building-block molecules are called _____.
 16. (BONUS) What does Kathryn Hooper put at the end of every PowerPoint?
 18. What enzyme produces ATP from ADP and inorganic phosphates?
 21. What chemical element is the backbone of life?