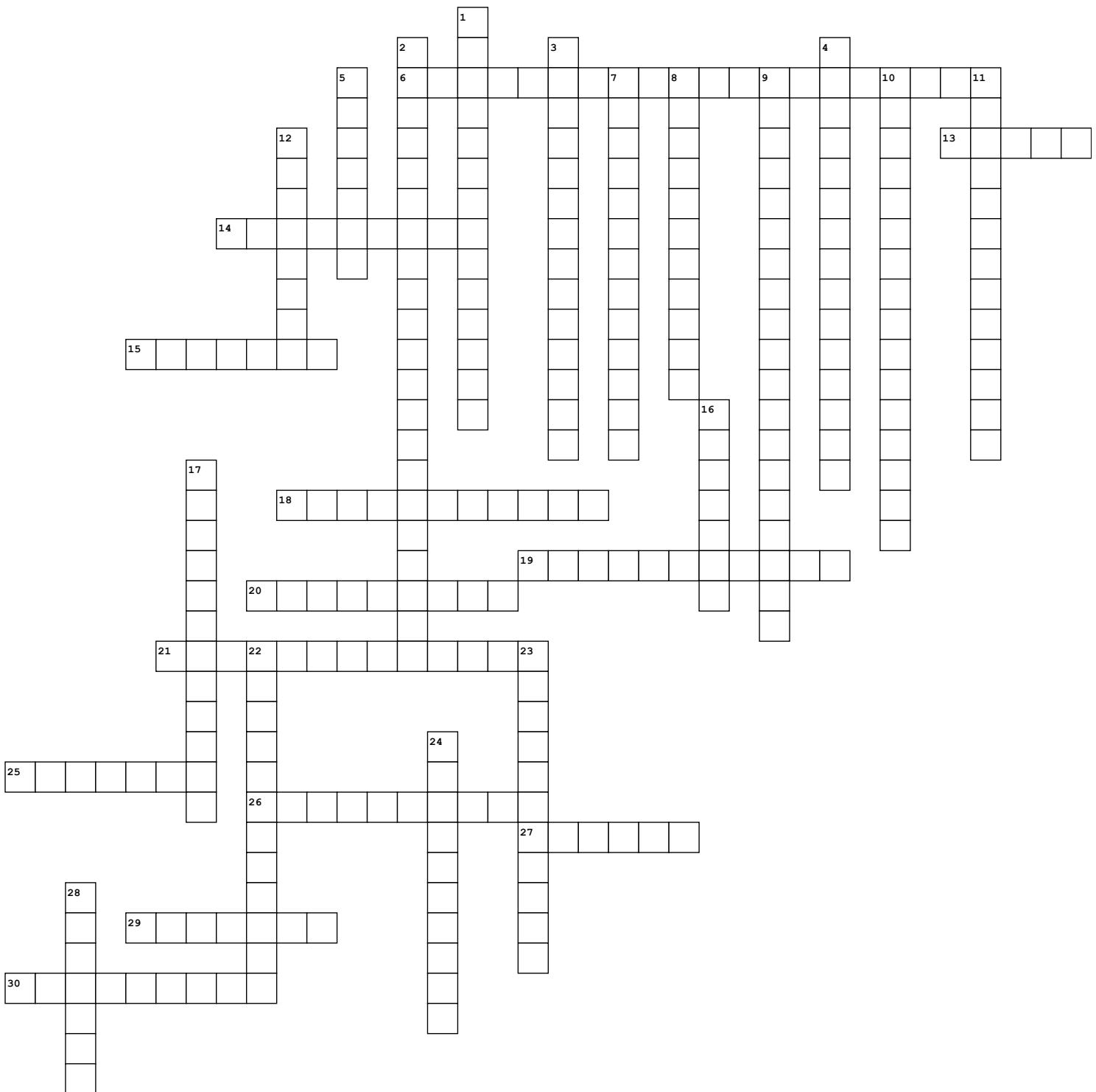


Biology Crossword Puzzle



Across

- 6. Which of the two nucleic acids contains sugar deoxyribose?
- 13. What accepts and holds two high-energy electrons and a hydrogen atom?

Down

- 1. What is this equation for? $6\text{CO} + 6\text{H}_2\text{O} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + \text{O}_2 + 6\text{O}_2$
- 2. What is the real name for ATP?

14. Releases food energy by using ATP in the absence of oxygen

15. An organized way of using evidence to learn about the natural world

18. Which molecule transfers amino acids to ribosomes as was specified by mRNA?

19. What is the name for adenine, thymine and guanine, cytosine pairings?

20. What two light dependent reactions reused in the Calvin Cycle (a & is used in the answer)

21. What enzyme is needed for transcription?

25. What indicates the H⁺ levels in a solution?

26. What is the fundamental concept of biology?

27. Hypothesis that is so well accepted by other scientists

29. Reproduction sexually

30. What is the only spot that an enzyme will bind to?

3. One strain of bacteria that can infect another benign strand

4. Which of the two nucleic acids contains sugar ribose?

5. What shows the relative location of each known gene?

7. Means 'bacteria eater'

8. The long molecules DNA is made of

9. What term makes this equation? pyruvic acid + NADN ---- lactic acid NAD⁺

10. What is needed to start a reaction?

11. What is the principal enzyme involved in DNA replication?

12. Term that means 'not in air'

16. Cells with one set of genes

17. Homologous pairs form tetrads and exchange portions of chromatids

22. When Cytoplasm extends itself and 'eats' a particle

23. What process takes materials into the infolds, or pockets of the cell membrane?

24. In what cycle does the presence of oxygen, pyruvic acid in the glucose pass on to the second stage of reproduction?

28. The first stage of division in the cell's nucleus