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# Respiration and Photosynthesis



## Across

1. Produced by yeast during anaerobic respiration
2. Acid that builds up in muscles during periods of strenuous exercise
6. Breathing in
7. Site of gaseous exchange in the lungs
11. Small pore through which carbon dioxide can diffuse into the leaf
12. Means by which plants make food
14. Where most of the ATP is produced
19. Photosynthetic pigment
20. Used to test for starch
21. Gas produced during photosynthesis
22. High energy molecule produced by respiration
23. Plant cell mainly responsible for photosynthesis
24. Means of presenting your data
25. Stage of respiration common to aerobic and anaerobic respiration
26. Used to study breathing and respiration

## Down

1. Canadian pondweed
3. Muscles that move the ribs
4. Ventilation
5. Special substances that speed up the reactions in respiration
8. Energy source for photosynthesis
9. Waste product of respiration
10. Small tubes within the lungs
13. Windpipe
15. Brings water to the leaf
16. Slimy substance that lines the lungs
17. Artery leaving the lungs
18. Sheet of muscle beneath the lungs