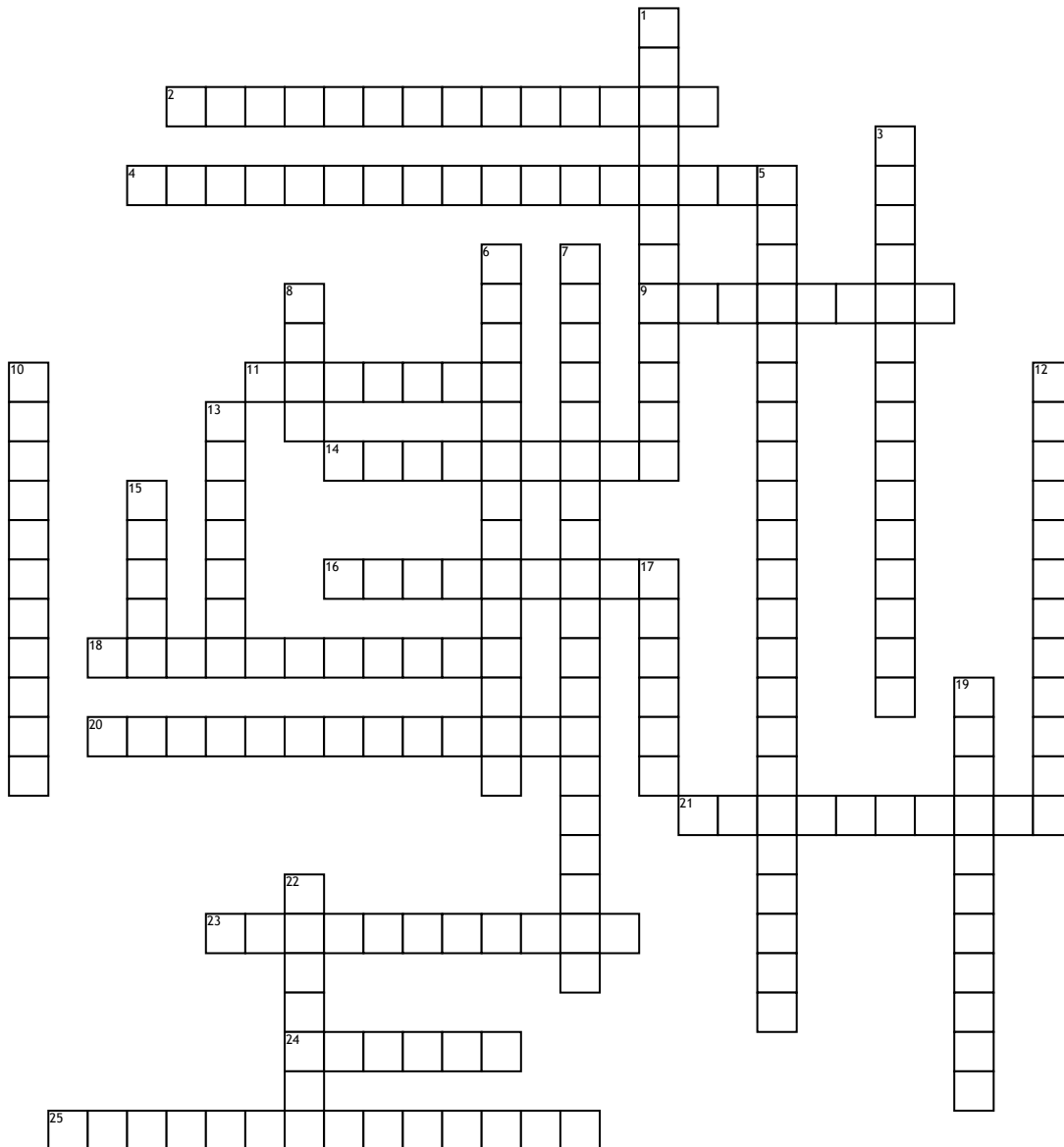


Photosynthesis



Across

2. what is the rate photosynthesis increases as light increases?
 4. what is the place that the sunlight is absorbed?
 9. what is something that changes during a reaction?
 11. what is a substance that is the result of a reaction?
 14. how many chloroplasts are present in a plant?
 16. what must be replaced in the chlorophyll?
 18. what adds a phosphate to ADP to produce a small amount of ATP?
 20. what diffuses into the stroma from the atmosphere?
 21. what is an organism that makes its own organic compounds?

23. what is the pigment in chloroplasts?
 24. what is released as a result of the light reactions?
 25. what is the stage where energy is absorbed from sunlight and converted into chemical energy?

Down

1. what is an organism that cant create its own organic compounds?
 3. what uses sunlight to make organic compounds during photosynthesis?
 5. what is the chain that transports electrons through the cycles?
 6. what is the process that is divided into light reactions and the Calvin cycle?
 7. what could affect the rate of photosynthesis but then level off?
 8. where can the Calvin cycle occur unlike the light cycle?

10. what is the stage where carbon dioxide and energy are used to form organic compounds?
 12. where does the light reactions occur?
 13. what is moved into the thylakoid from lost energy?
 15. what is needed for the light reaction?
 17. where does the Calvin cycle occur?
 19. what would increase the rate to a certain point then makes the enzymes ineffective which decreases the rate?
 22. what is the simple sugar that is the main source of energy?