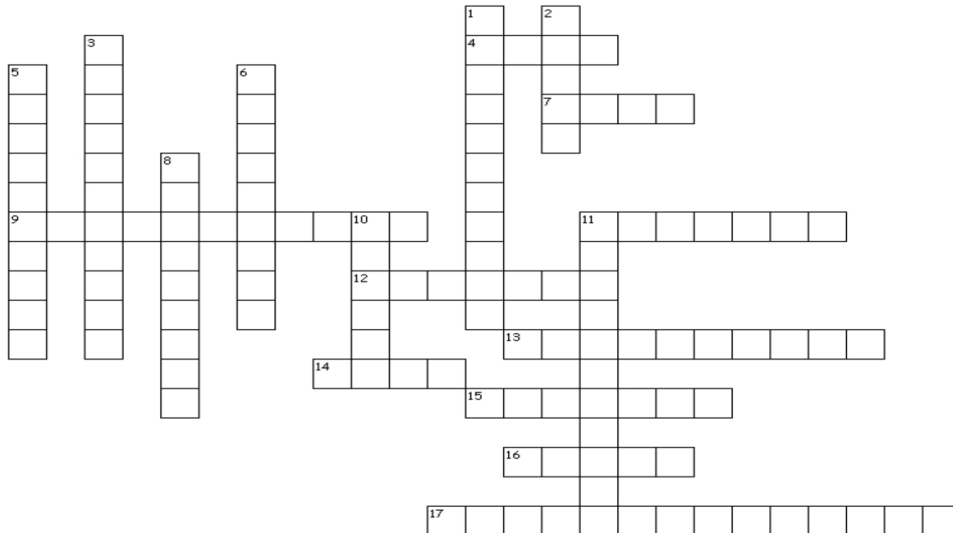


Photosynthesis Crossword Puzzle



Across

4. Form of energy lost during any energy transformation.
7. Two molecules of these join to form glucose.
9. Name of the transmembrane enzyme responsible for making ATP.
11. These accumulate in the thylakoid space.
12. Enzyme responsible for the joining together of CO₂ and RuBP in the light independent reaction.
13. Name of the process where water is split apart using light.
14. Light travels in this form.
15. Proteins that regulate the rate of a biochemical reactions.
16. Source of protons in photosynthesis.
17. Used to separate plant pigment based upon solubility.

Down

1. Pigment that absorbs the most light at 600nm.
2. The final electron acceptor Product at the end of the light Dependent reaction.
3. Plant pigment responsible for capturing light energy used specifically for photosynthesis.
5. The effect on pigment electrons when the correct light frequency is absorbed.
6. A molecule that loses an electron undergoes this process.
8. Membrane where the electron transport chain is located.
10. Location within the chloroplast where the light independent reaction occurs.
11. Group of pigments that capture light energy.