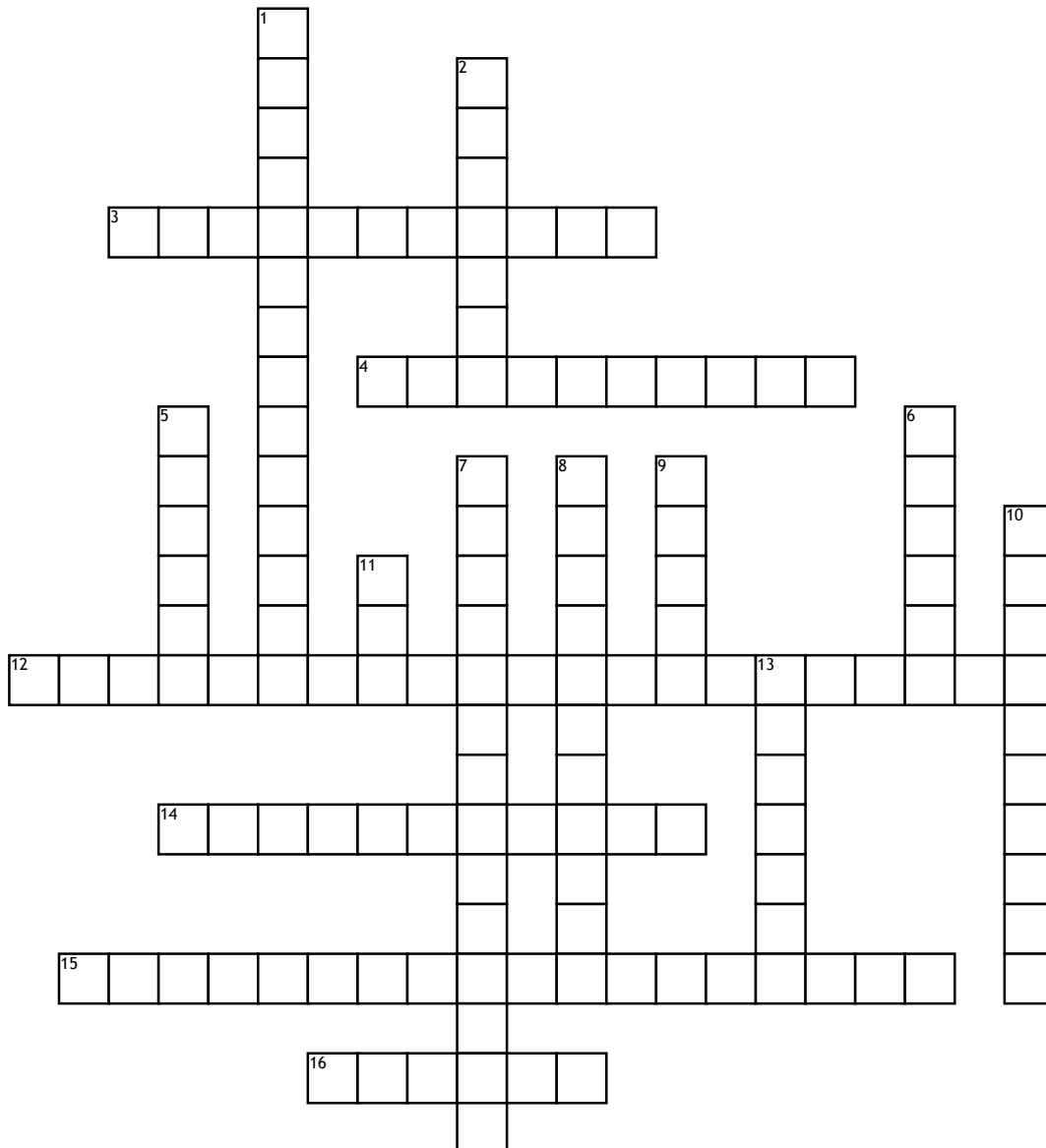


Cellular Energy ATP and Photosynthesis



Across

3. Organelle found in plants and some other organisms that harvest energy from the sun to create chemical energy.
4. Organisms that produce their own energy are called
12. energy used by cells for processes such as motion and membrane transport
14. Principle pigment in plants and most other photosynthetic organisms
15. Location of the light dependent reaction

16. A stack of thylakoids in the chloroplast is called the _____.

Down

1. process used by plants and other autotrophs to capture light energy and use it produce energy rich sugars.
2. Plants appear green because they _____ the green portion of the color spectrum
5. By product produced during the process of photosynthesis

6. Part of the Chloroplast where the Calvin Cycle Occurs
7. First reaction in photosynthesis
8. Reaction in photosynthesis where the glucose is actually produced
9. Electron Carrier Required in the calvin cycle to produce a glucose molecule
10. Reactions which store more energy than they release
11. Originating source of all energy
13. How a plant brings carbon dioxide into its cells