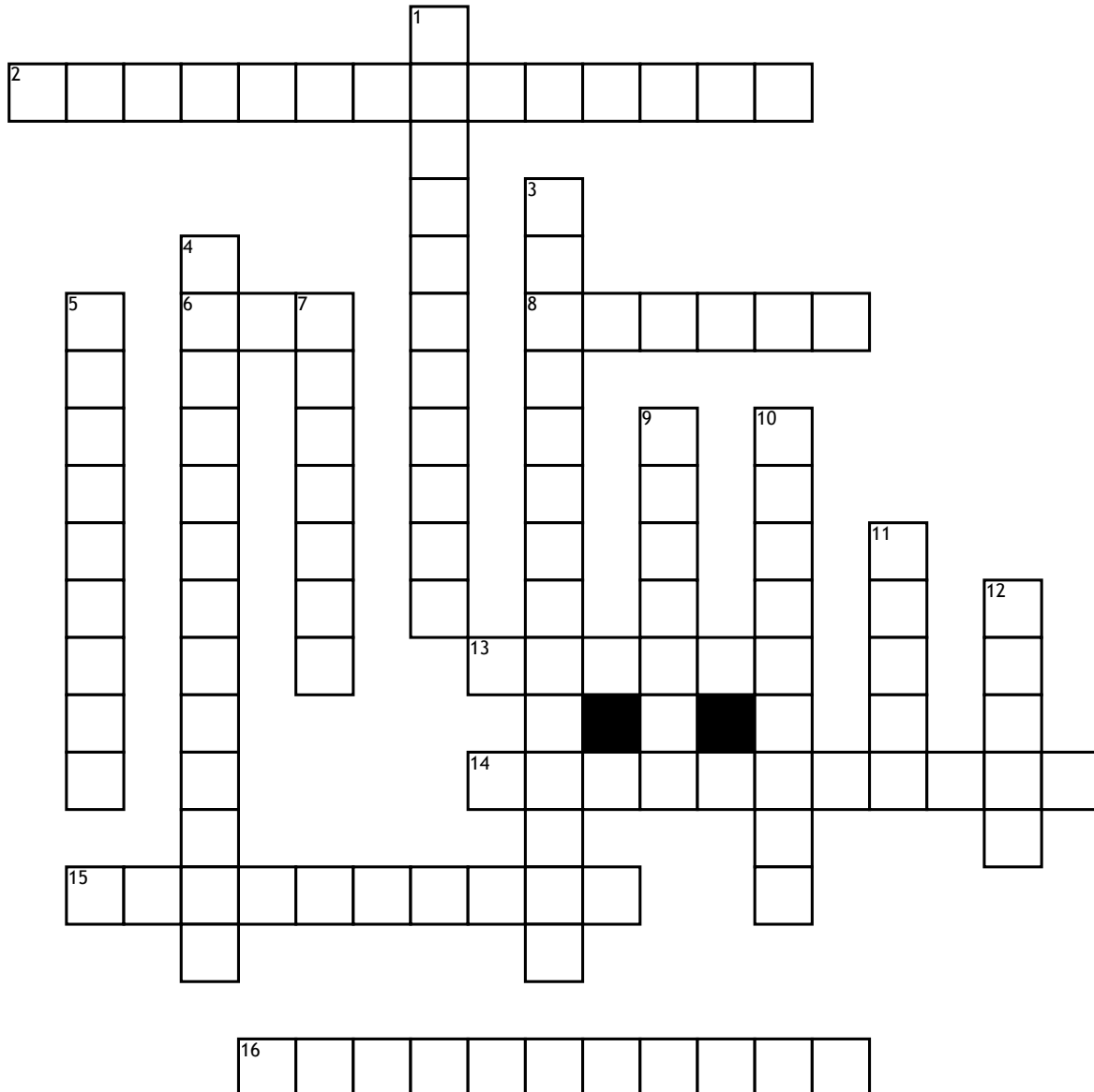


Cellular Energy



Across

2. What is the energy captured from light by chlorophyll and pigments drives the production of ATP called?

6. What compound consists of a adenosine molecule bonded to three phosphate groups?

8. The chemical element of atomic number 8

13. What is the supporting framework or a cell?

14. What is an organism deriving its nutritional requirements from complex organic substances?

15. Relating to a chemical reaction that requires the absorption of energy

16. What membrane is responsible for the absorption of light energy for photosynthesis?

Down

1. the set of chemical reactions that take place in chloroplasts during photosynthesis

3. What is the process where plants turn sunlight to synthesize food from CO₂ and Water?

4. one of the things absorbed by plants in photosynthesis

5. What is an organism that is able to form nutritional organic substances from simple inorganic substances?

7. What is the natural coloring matter of animal or plant tissue called?

9. an important energy source in living organisms

10. What membrane the chlorophyll in cyanobacteria and in the chloroplasts of plant cells?

11. the basis of the fluids of living organisms

12. What is the reduced form of NADP⁺ called?