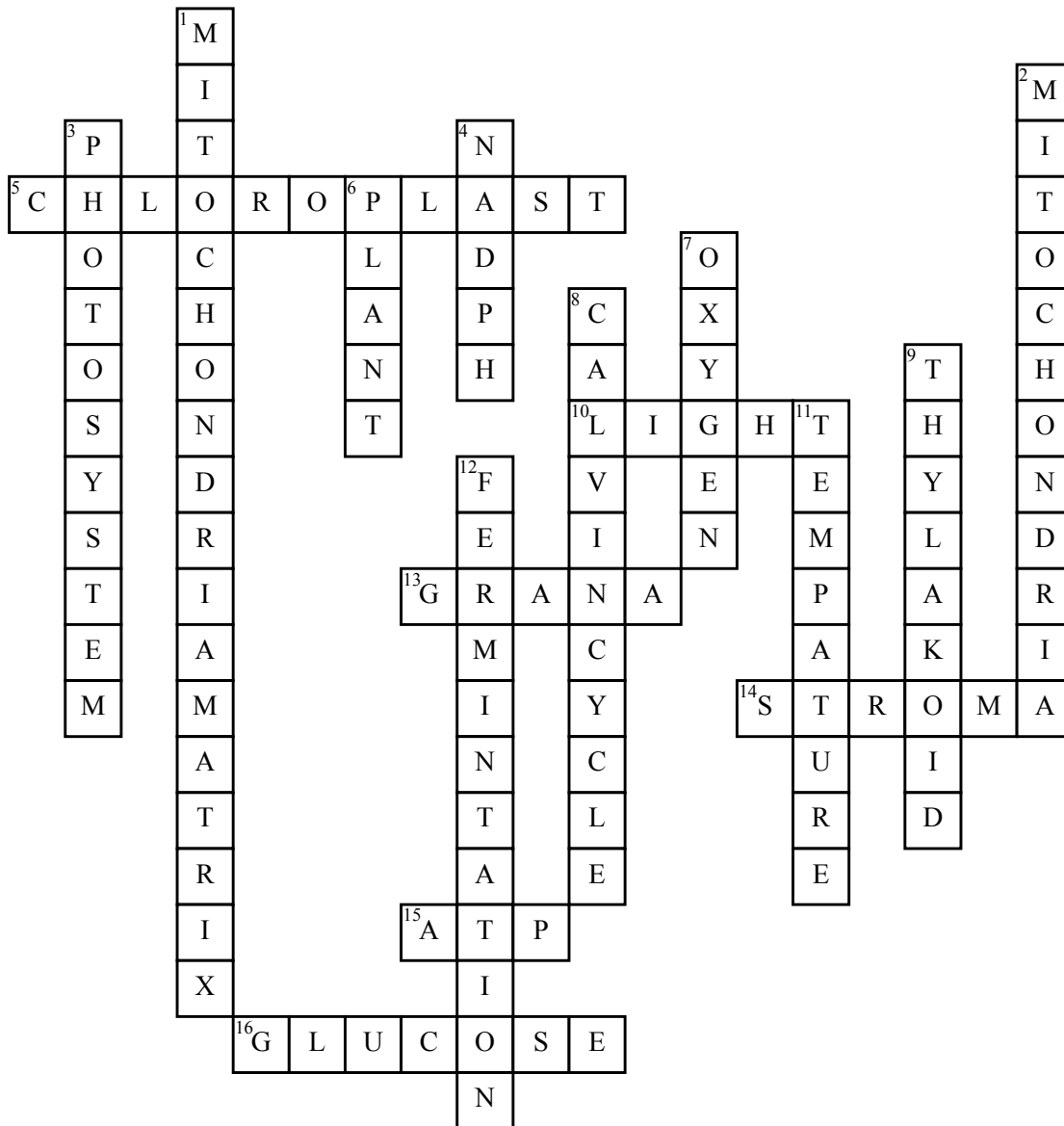


Photosynthesis & Cellular Respiration



Across

5. What part of the cell does photosynthesis occur in?
10. Autotrophs are able to make energy from _____ energy
13. What are stacks of thylakoids called?
14. The Calvin Cycle occurs in the?
15. All cells are able to synthesize _____ via the process of glycolysis.
16. Cellular respiration uses oxygen and _____ to produce ATP energy, water, and carbon dioxide.

Down

1. The Kerbs cycle occurs in the _____?
2. What part of the cell does cellular respiration occur in?
3. A cluster of pigment molecules and the proteins that the pigment molecules are embedded in is called _____?
4. In light dependent reactions, light energy is captured and stored as _____?
6. Photosynthesis occurs in what type of cell?

7. Glucose and _____ are products of photosynthesis.
8. A series of enzyme-assisted chemical reactions that produces a three-carbon sugar is what?
9. Light dependent reactions occur where?
11. Light intensity and carbon dioxide concentration are both limiting factors of photosynthesis. What is the third limiting factor?
12. Glycolysis, _____ and the kerbs cycle occur in the cytosol.