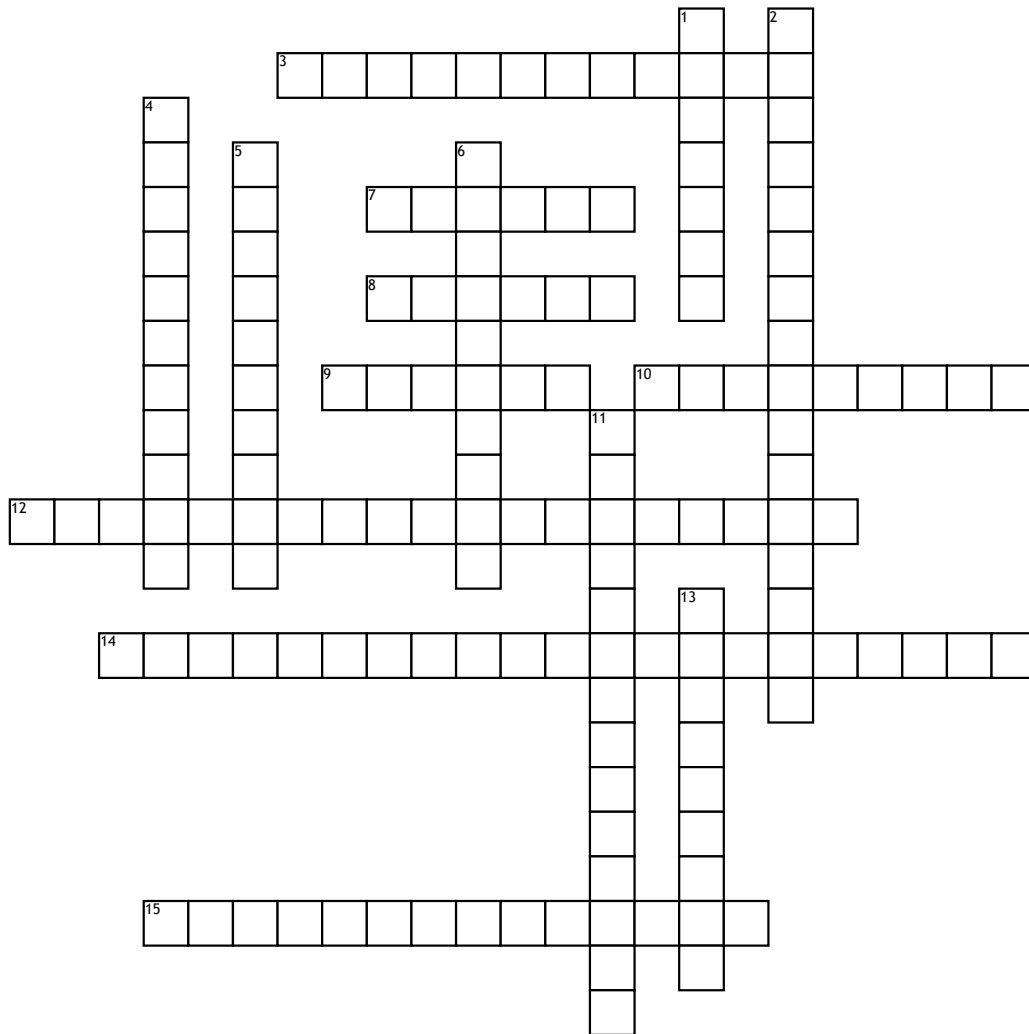


Vocab Biology



Across

3. occurs in the cytoplasm and regenerates the cell's supply of NAD⁺ while producing a small amount of ATP

7. the ability to do work

8. the stacks thylakoids are in

9. the fluid-filled space that is outside the grana

10. the process in which glucose is broken down in the cytoplasm

12. the catabolic pathway in which organic molecules are broken down to release energy for use by the cell

14. the most important biological molecule that provides chemical energy

15. the anabolic pathway in which light energy from the Sun is converted to chemical energy for use by the cell

Down

1. light-absorbing colored molecules

2. the first stage in glycolysis which doesn't require energy

4. in which energy is stored in organic molecules such as glucose

5. the series of reactions in which pyruvate is broken down into carbon dioxide

6. all of the chemical reactions in a cell

11. Requires oxygen

13. flattened, saclike membranes that are arranged in stacks

Word Bank

Pigment

Glycolsis

Energy

Anaerobic Process

Krebs Cycle

Cellular Respiration

Adenosine Triphosphate

Photosynthesis

Calvin Cycle

Aerobic Process

Thylakoid

Fermentation

Stroma

Granum

Metabolism