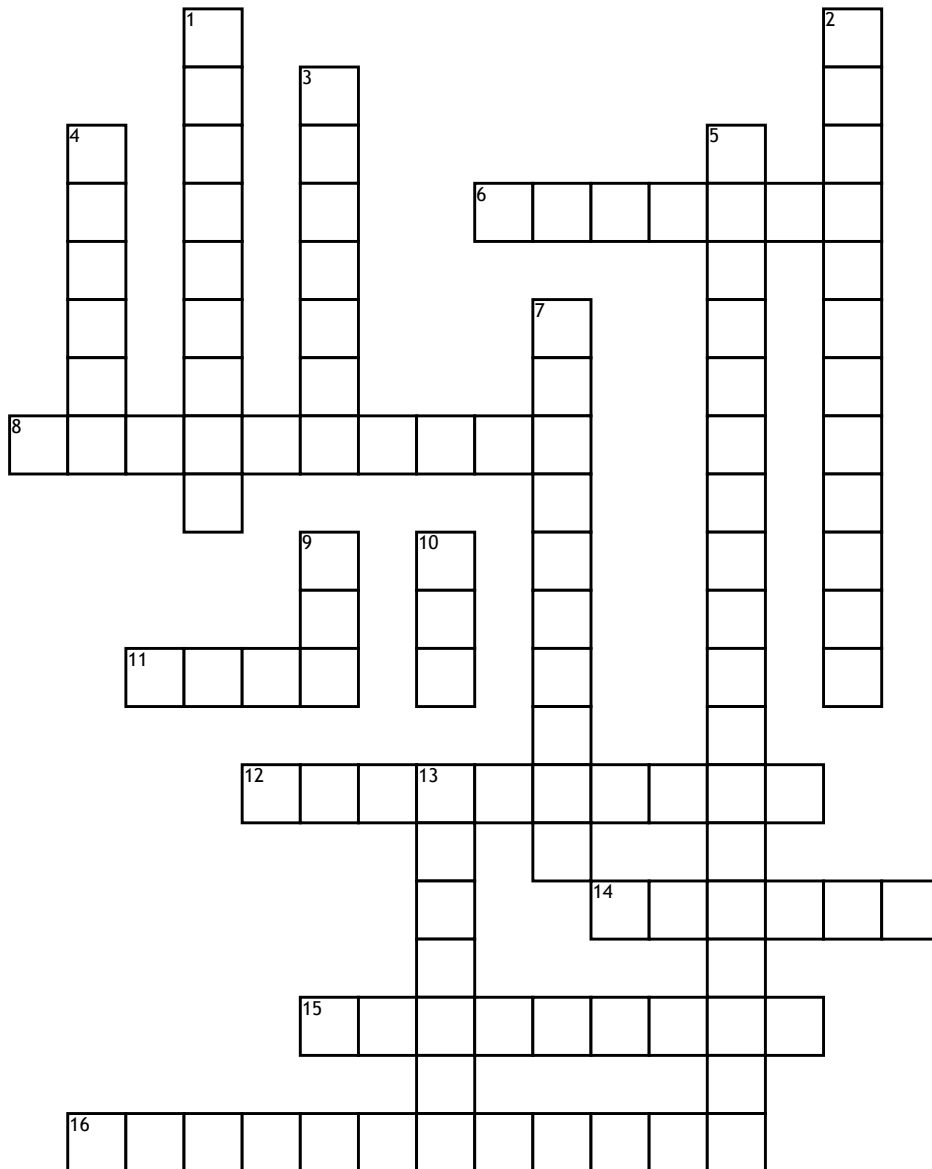


Name: _____ Date: _____ Period: _____

Biology Vocabulary Words.



Across

6. light-absorbing colored molecule such as chlorophyll in the thylakoid membrane or chloroplast.

8. Light-dependent reactions during phase two of photosynthesis in which energy is stored in organic molecules as glucose.

11. In photosynthesis, the major electron carrier involved in electron transport

12. Anaerobic process, first stage of cellular respiration in which glucose is broken down into 2 molecules pyruvate.

14. One of the stacks of pigment-containing thylakoids in a plant's chloroplast.

15. Metabolic Process that does not require oxygen.

16. Process in which NAD is regenerated, allowing cells to maintain glycolysis in the absence of oxygen.

Down

1. In the chloroplast, one of the stacked flat-teased, pigment-containing membranes in which light-dependent reactions occur

2. Two-phase anabolic pathway in which the sun's light energy is converted to chemical energy for use by the cell.

3. Metabolic process that requires oxygen.

4. Fluid-filled space outside the grana in which the light-independent reactions (Calvin cycle/dark reaction) take place.

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

7. The sequence of reactions by which most living cells generate energy during the process of aerobic respiration.

9. Ability to do work cannot be created or destroyed, only transformed

10. Occurs in water-conserving plant that lives in deserts, salt marshes and other environments where access to water is limited.

13. A plant that cycles carbon dioxide into four-carbon sugar compounds to enter into the Calvin cycle.