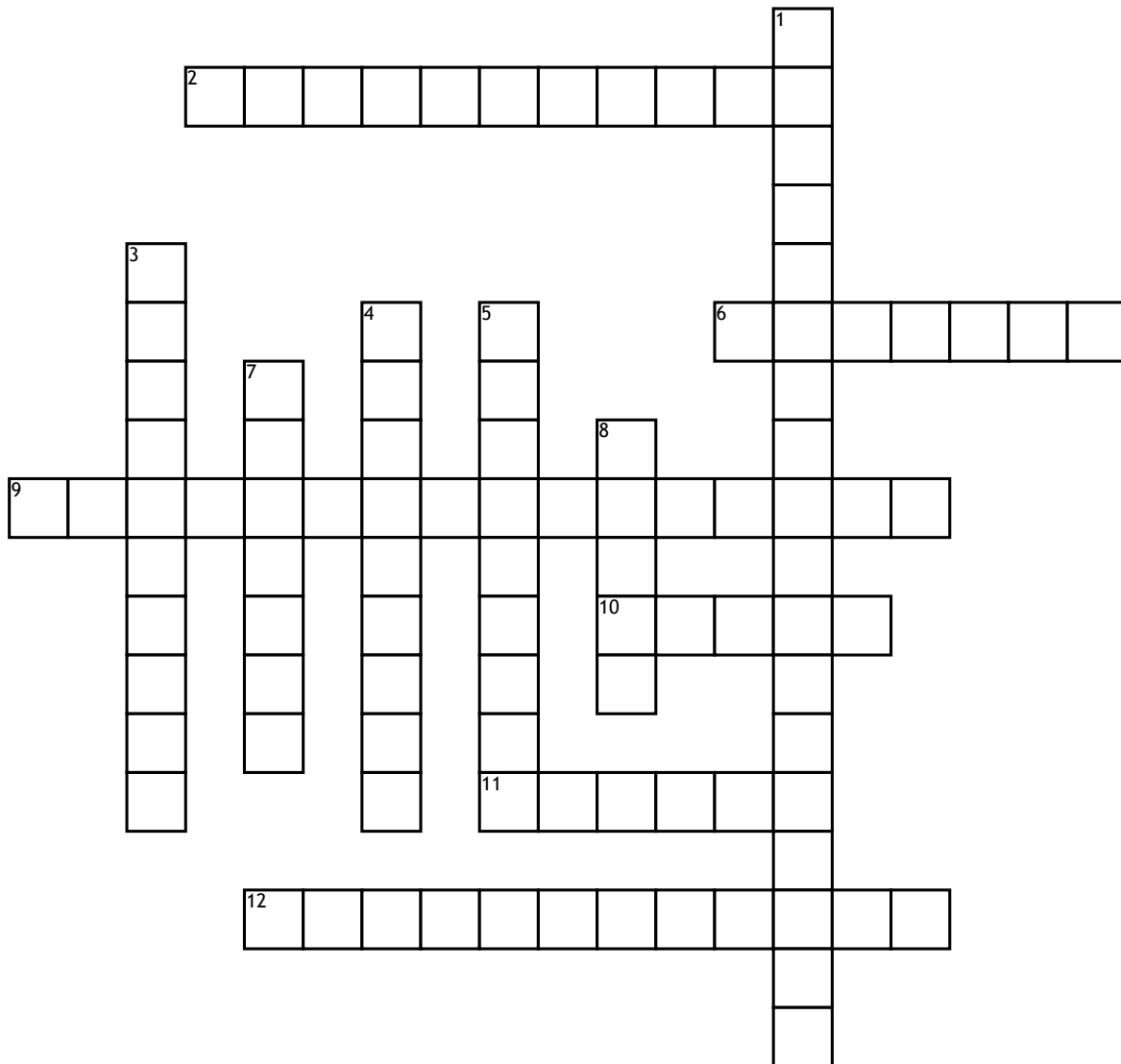


Biology Cross



Across

- 2. Light-Independent reactions during phase two of photosynthesis in which energy is stored in organic molecules as glucose
- 6. Light-absorbing colored molecule, such as chlorophyll and carotenoid
- 9. Metabolic process that does not require oxygen
- 10. In photosynthesis, the major electron carrier involved in electron transport

11. Fluid-filled space outside the grana in which light-Dependent reactions take place

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

Down

1. Metabolic process in which pyruvate is broken down and electron-carrier molecules are used to produce ATP through electron transport

- 3. pigments-Containing membranes in which light-Dependent reactions occur
- 4. Series of reactions in which pyruvate is broken down carbon dioxide inside the mitochondria of cells
- 5. First stage or cellular respiration in which glucose is broken down into two molecules of pyruvate
- 7. A metabolic process requires energy
- 8. Pigment-Containing thylakoids in a plant's chloroplast