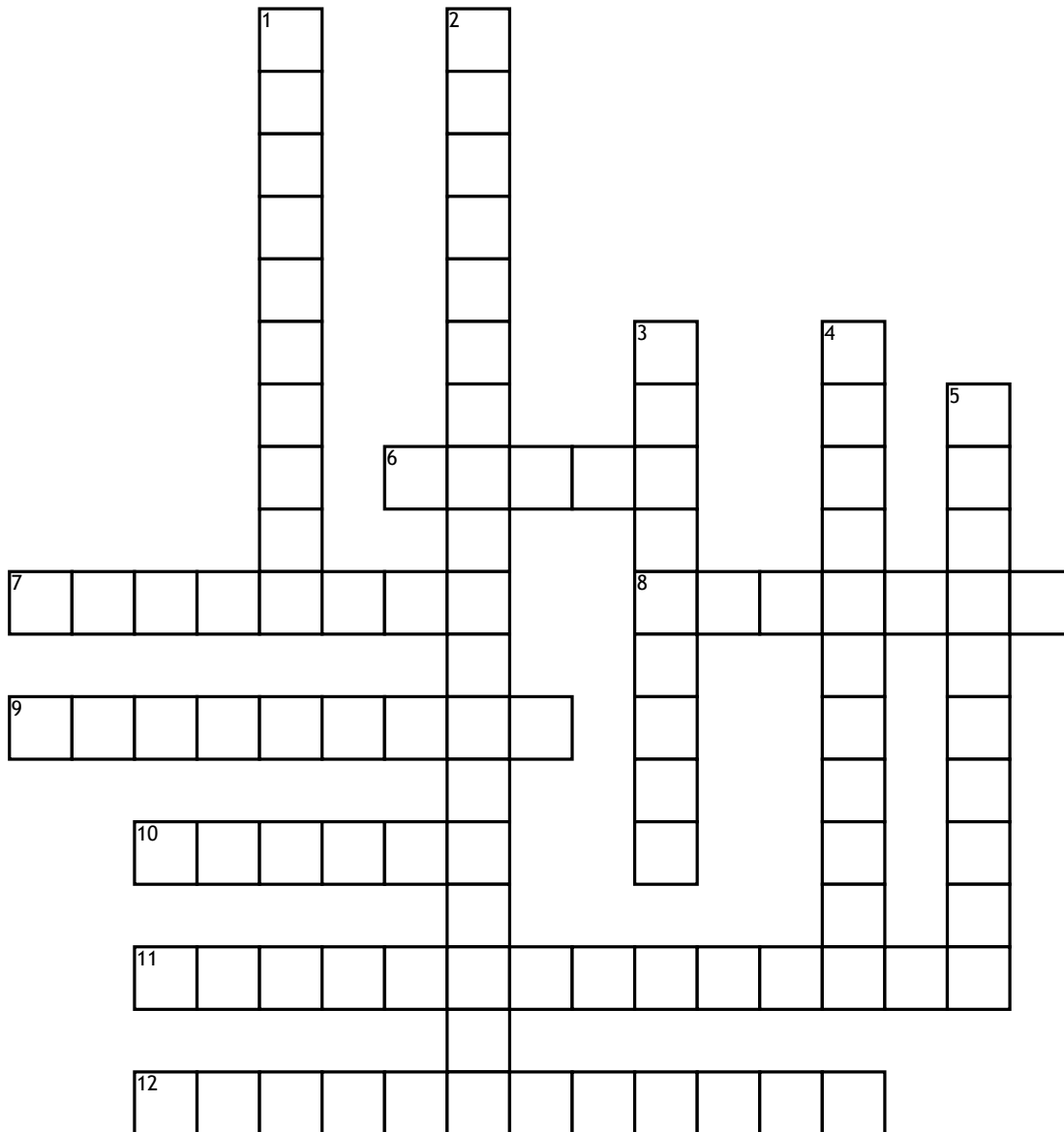


# Definitions



**Across**

- 6. stacks of thylakoids embedded in the stroma of the chloroplast
- 7. light absorbing colored molecules, such as chlorophyll and carotenoid, in the thylakoid membrane of chloroplasts.
- 8. enzyme being converted in organic carbon dioxide molecules during Calvin cycle

- 9. In Chloroplasts, one flattened, pigment contains membranes in which light dependent reactions occur
- 10. fluid filled space outside the grans in which light dependent reactions take place
- 11. requires energy
- 12. in the cytoplasm, regenerates the cells supply of NAD<sup>+</sup> while producing a small amount of ATP

**Down**

- 1. series of reactions in which the pyruvate is broken down into carbon dioxide
- 2. includes Krebs cycle & electrons transport & is an Aerobic process
- 3. doesn't require energy
- 4. independent reactions during phase two of photo synthesis in which energy is stored in organic molecules as glucose
- 5. glucose is broken down in the cytoplasm