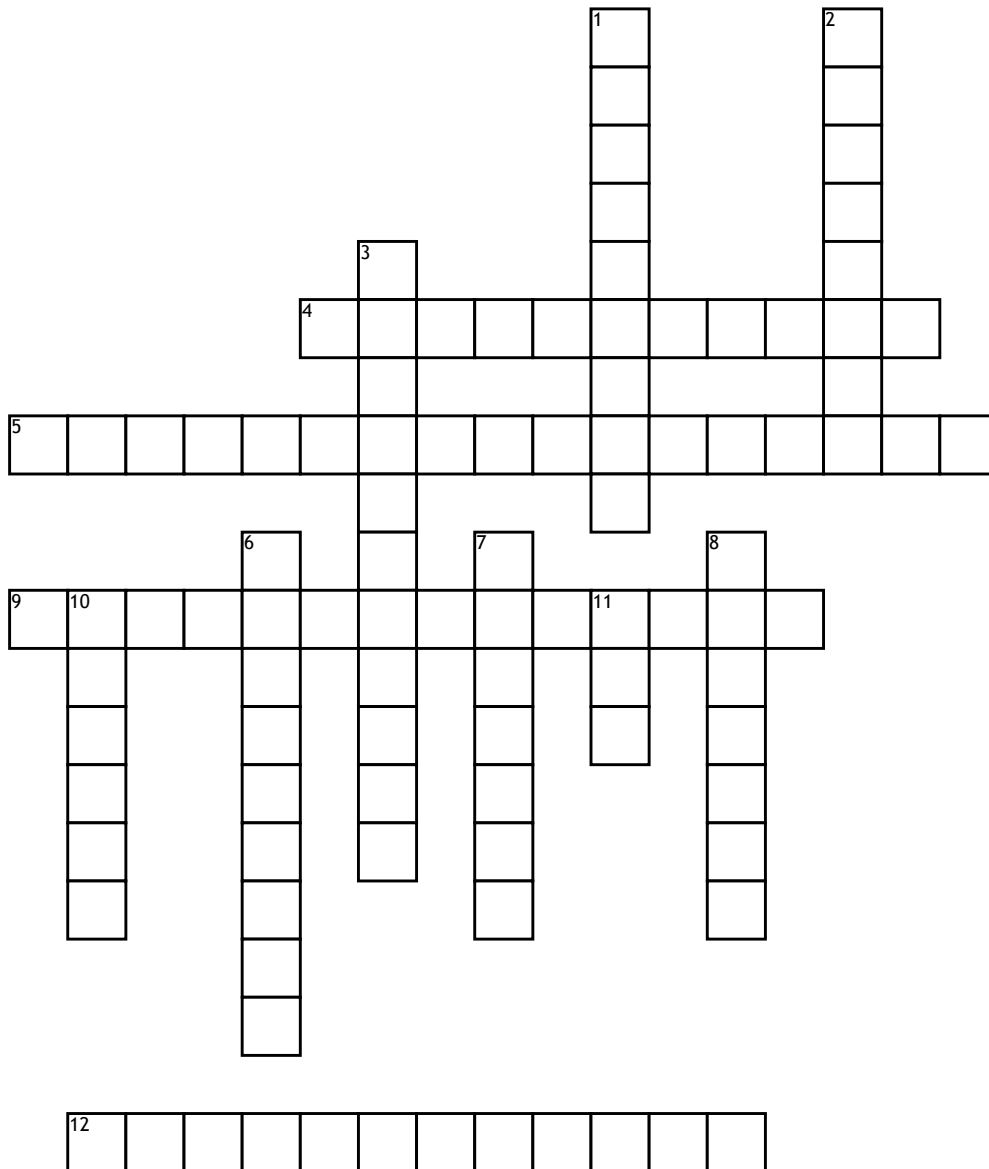


# Biology of Photosynthesis



## Across

4. The plant pigment that absorbs sunlight  
 5. Where light reactions take place  
 9. Central large found only in plants. Responsible for plant turgidity- allows a plant to stand upright  
 12. energy production by ATP synthesis

## Down

1. stores enzymes responsible for intracellular digestion  
 2. Enables for cell movement. Example of this is sperm  
 3. site of photosynthesis in plants  
 6. responsible for protein synthesis

7. Responsible for the modification, sorting, and transport of macromolecules throughout the cell  
 8. Control center of the cell. Stores DNA  
 10. The primary by-product of photosynthesis  
 11. The molecule used to store energy