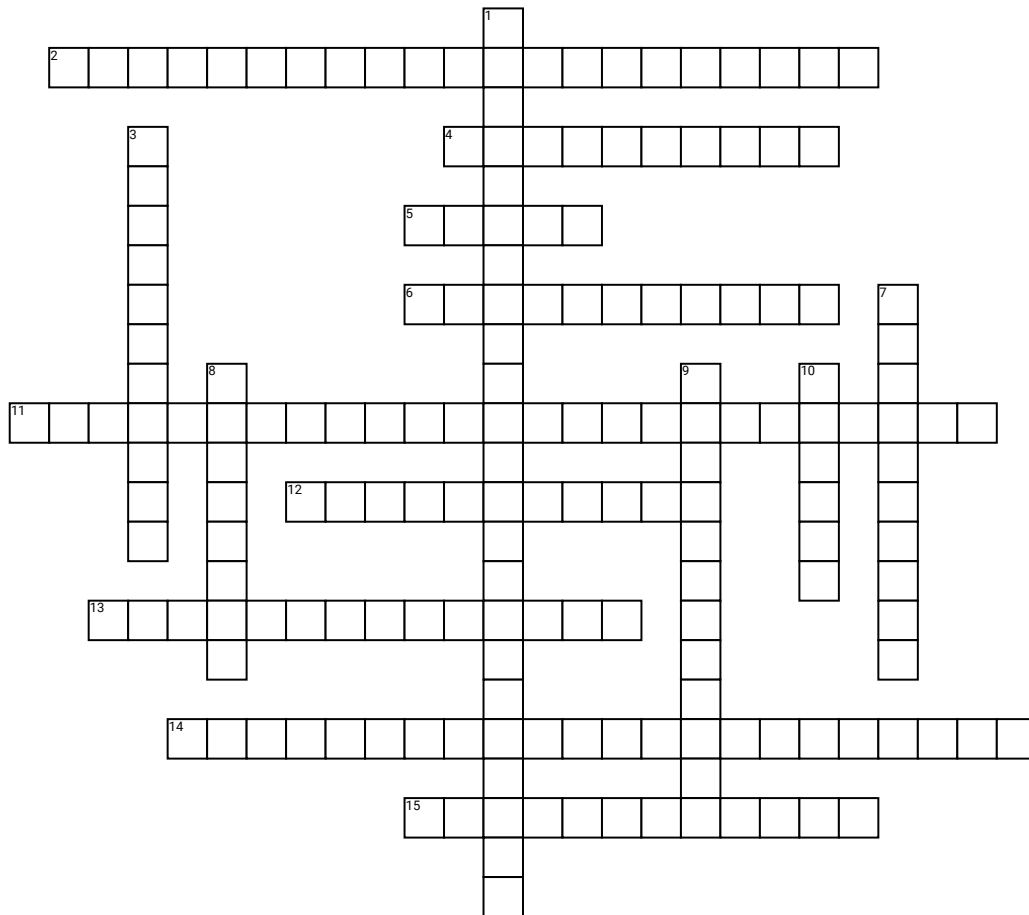


Chapter 8



Across

- 2. ATP
- 4. sacklike photosynthetic membranes
- 5. Nicotinamide adenine dinucleotide phosphate
- 6. type of Thylakoid membrane
- 11. does not require light; uses ATP and NADPH
- 12. another name for light independent reaction

Word Bank

- heterotrophs
- ATP synthase
- pigments
- calvin cycle
- chlorophyll

- 13. the process in which autotrophs make their own food
- 14. series of electron carrier proteins that shuttle high-energy electrons during ATP- generating reactions
- 15. thylakoids contain clusters of chlorophyll and proteins

Down

- 1. requires light

- 3. pigment in plants
- 7. organisms who produce their own food
- 8. light-absorbing molecules
- 9. organism who eats others
- 10. outside of the thylakoids

- light-independent reactions
- photosystems
- Photosynthesis
- light-dependent reactions
- NADP+

- Adenosine triphosphate
- thylakoids
- Autotrophs
- Stroma
- electron transport chain