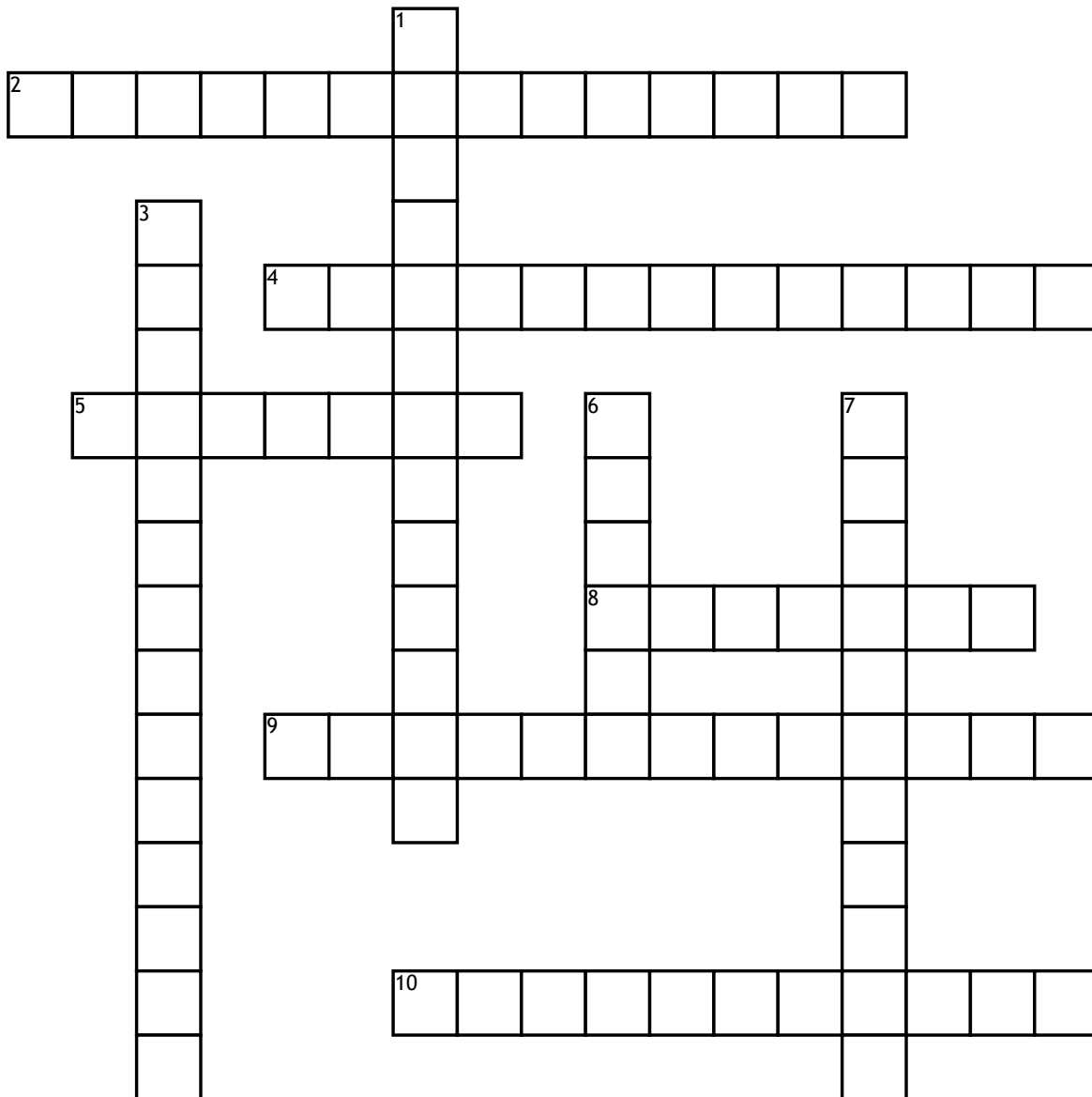


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Photosynthesis



## Across

2. energy stored in the bonds of the chemical compounds
4. the process where plants absorb water through the roots and then give off water vapor through their leaves
5. allows plants to exchange gases necessary for cellular processes
8. a simple sugar that is an important energy source in living organisms
9. a colorless, odorless gas produced by respiration and organic compounds
10. a plastid that contains chlorophyll and in which photosynthesis takes place

## Down

1. energy that travels by waves or particles, particularly electromagnetic radiation
3. a process used by plants and other organisms to convert light energy into chemical energy
6. a colorless, odorless reactive gas, the chemical element of the atomic number 8 and the life-supporting component of the air
7. a green pigment, present in all green plants, responsible for the absorption of light to provide energy for photosynthesis