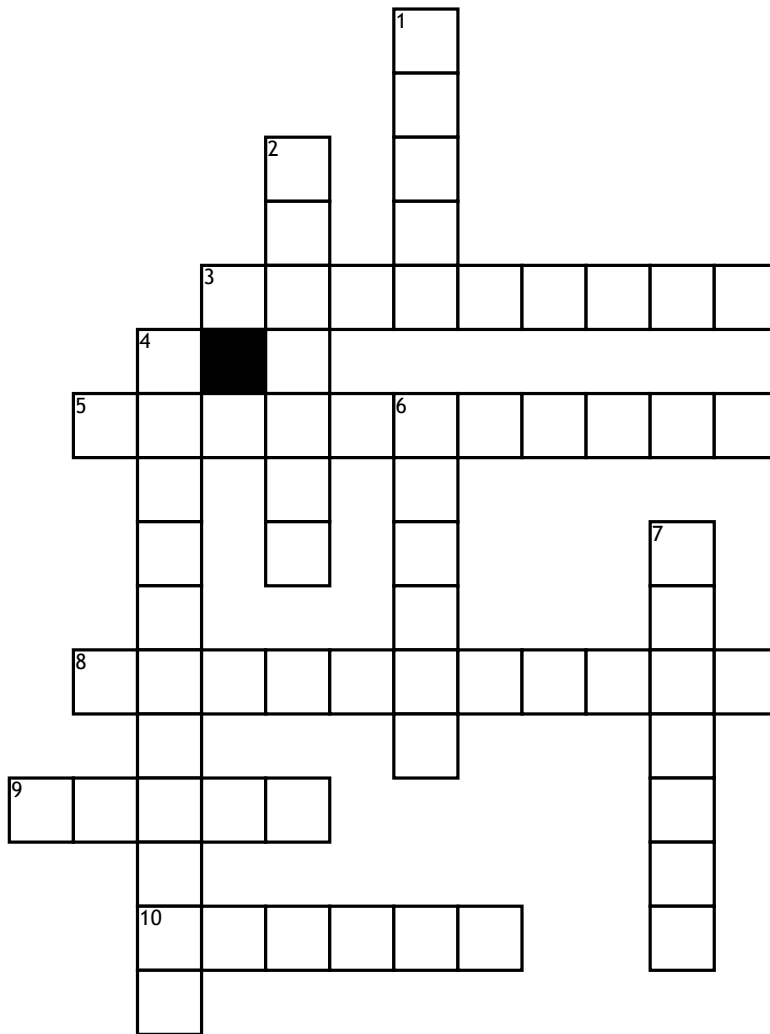


Name: _____

Date: _____

Photosynthesis



Across

- 3. a substance that provides nourishment essential for growth and the maintenance of life
- 5. a green pigment, present in all green plants and is the absorption of light to provide energy for photosynthesis
- 8. radiant energy emitted by the sun
- 9. the vascular tissue in plants that conducts water and dissolved nutrients upward from the root
- 10. an odorless, tasteless white substance occurring widely in plant tissue and obtained chiefly from cereals and potatoes

Down

- 1. a colorless, transparent, odorless liquid that forms the seas, lakes, rivers, and rain and is the basis of the fluids of living organisms
- 2. a simple sugar which is an important energy source in living organisms
- 4. (in green plant cells) a plastid that contains chlorophyll and in which photosynthesis takes place
- 6. a colorless, odorless reactive gas, the chemical element of atomic number 8
- 7. the natural coloring matter of plant tissue

Word Bank

Starch Nutrients Chloroplast solar energy Xylem
Pigment Chlorophyll water oxygen Glucose