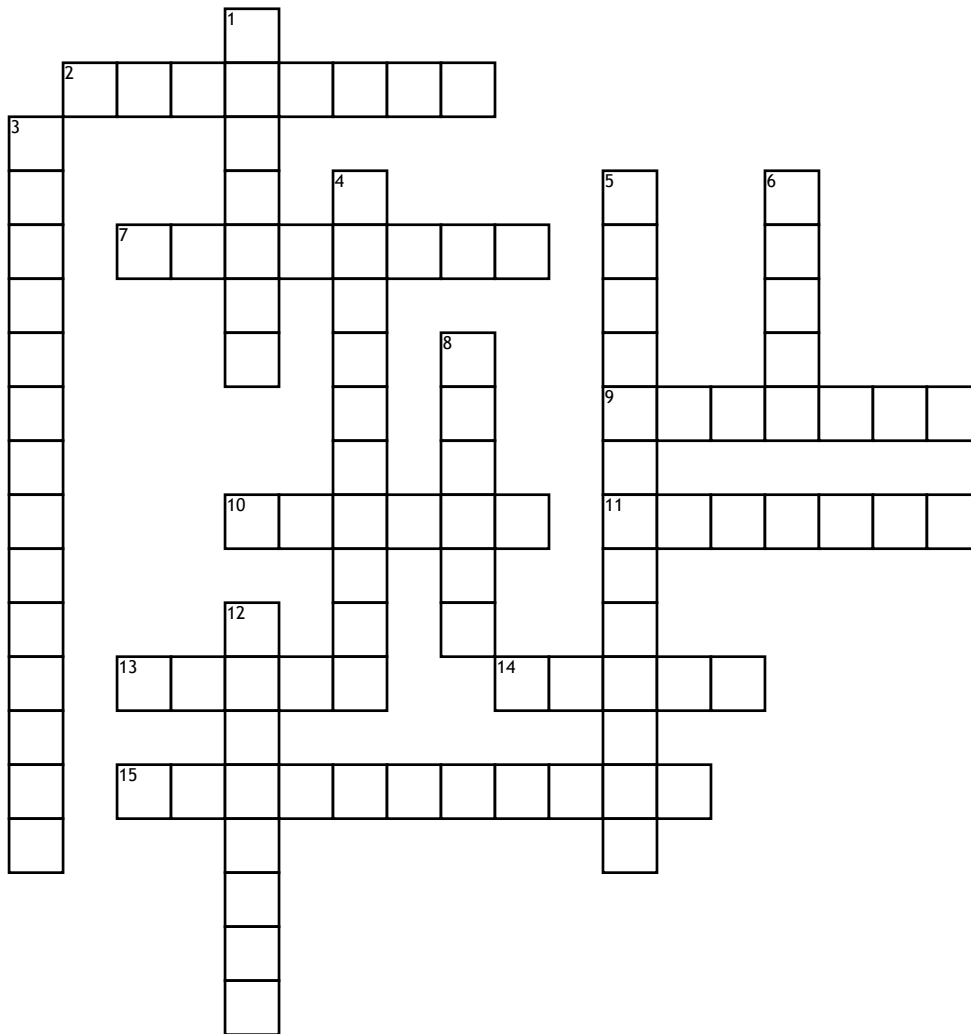


Name: \_\_\_\_\_

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

# Photosynthesis and Respiration



## Across

2. What is the energy source for photosynthesis?

7. What is an organism that makes its own food?

9. What are the openings in leaves called?

10. What is produced during respiration?

11. What do guard cells do to open stomata?

13. How does water enter the plant?

14. What causes guard cells to inflate?

15. What is the process where food is broken down into energy?

## Down

1. What does photosynthesis make?

3. What is the process where light energy turns into food for the plant

4. What causes stomata to open and close?

5. What is the process that gets water to all parts of the plant?

6. What are the vein-like structures that move water throughout the plant?

8. What is used to break down food during respiration?

12. What is an organism that cannot make its own food?

## Word Bank

consumer

producer

water

transpiration

energy

roots

guard cells

inflate

photosynthesis

respiration

stomata

oxygen

glucose

sunlight

xylem