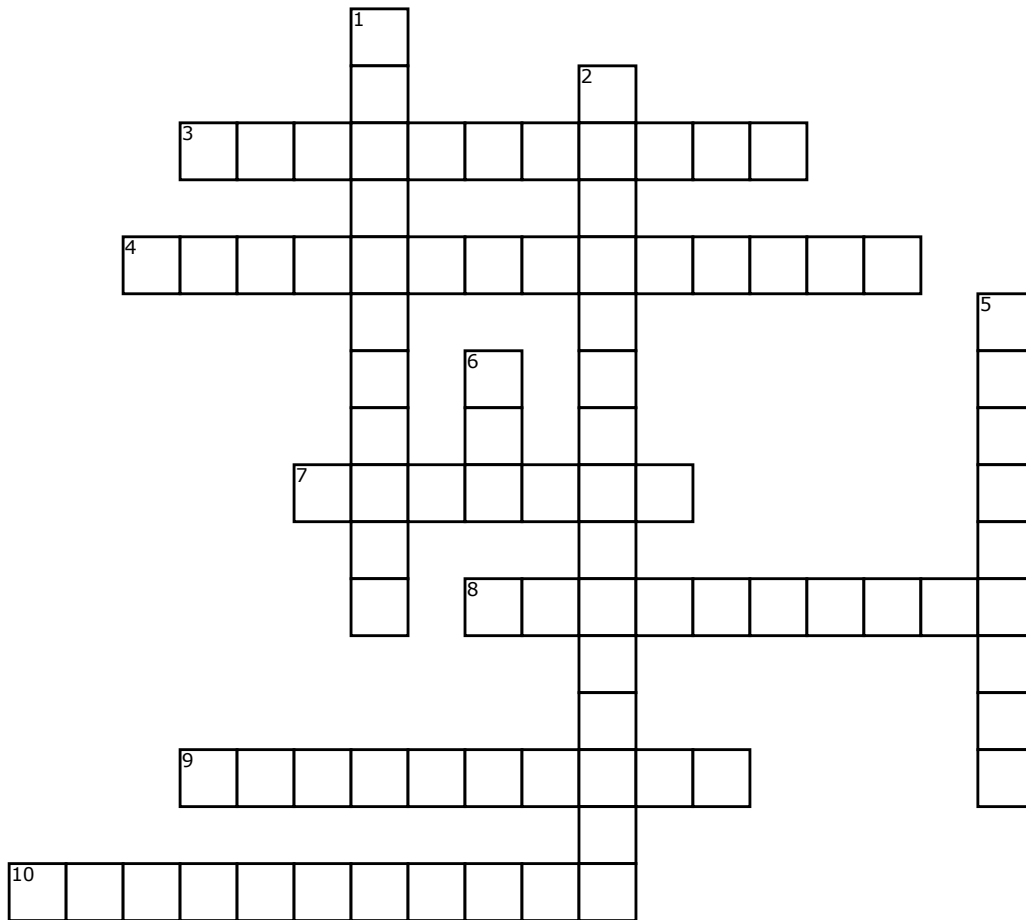


Name: _____

Date: _____

Photosynthesis



Across

3. pigment that absorbs light energy to power the light reactions of photosynthesis

4. process of harnessing light energy to build carbohydrates in autotrophs

7. CO₂ enters and O₂ exits through these pores bottom of a leaf

8. organism that cannot produce its own food and therefore obtains its energy by consuming other living things

9. organism that can capture energy from sunlight or chemicals and use it to produce its own food

Word Bank

AUTOTROPHS

STOMATA

HETEROTOPH

PHOTOAUTOTROPHS

CAM

CHLOROPHYLL

PHOTOSYNTHESIS

10. an accessory pigment, either yellow or orange, in the chloroplasts of plants.

Down

1. light-collecting units of the chloroplast

2. organism that can capture energy from sunlight or chemicals and use it to produce its own food

5. primary site for photosynthesis the tissue in the interior of a leaf

6. a carbon fixation pathway that evolved in some plants as an adaption to arid conditions