

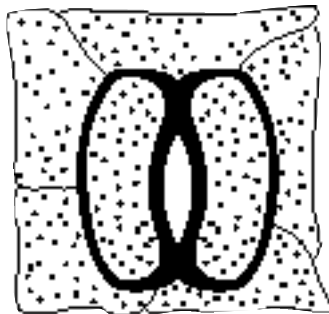
# ● Photosynthesis and Respiration

In the blank at the left, write the term from the textbook that best matches each phrase.

- \_\_\_\_\_ 1. control size of stoma opening
- \_\_\_\_\_ 2. enters through stomata
- \_\_\_\_\_ 3. released through stomata
- \_\_\_\_\_ 4. loss of water vapor
- \_\_\_\_\_ 5. masked by green pigments in the spring and summer
- \_\_\_\_\_ 6. traps light energy during photosynthesis
- \_\_\_\_\_ 7. sugar formed during photosynthesis
- \_\_\_\_\_ 8. gaseous product of photosynthesis
- \_\_\_\_\_ 9. process that releases energy
- \_\_\_\_\_ 10. process that stores energy

Complete the following sentences using the appropriate words from the textbook.

11. Leaves have more \_\_\_\_\_ on the lower surface.
12. More water is lost through \_\_\_\_\_ than is used during photosynthesis.
13. Water is lost in the form of \_\_\_\_\_ .
14. Photosynthesis is a process in which energy is \_\_\_\_\_ .
15.  $C_6H_{12}O_6$  is the chemical formula for \_\_\_\_\_ .
16. Photosynthesis occurs only in cells containing \_\_\_\_\_ .
17. Water is split by energy from \_\_\_\_\_ .
18. During photosynthesis, plants remove \_\_\_\_\_ from the air.
19. \_\_\_\_\_ occurs in all cells of all organisms.



A STOMA