

Name:
Date:
Period:

Chapter 13 Study Guide

1. Phototropism-
2. Dormant-
3. Transpiration-
4. Deciduous-
5. Evergreen-
6. Pollination-
7. Germination-
8. Stomata-
9. Gravitropism-
10. Cellular Respiration-
11. Fertilization-
12. Tropism-
13. The byproduct of photosynthesis is _____.
14. Sperm cells are contained in the _____ of the plant.
15. Fruits develop from the _____ of the plant and seeds develop from the _____ of the plant.
16. Cells that open and close the stomata are called _____.
17. When _____ breaks down, leaves turn orange, red, and yellow.
18. Energy from the _____ drives photosynthesis.
19. Asexual reproduction in plants does not involve the formation of _____.

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20. Buds grow on the _____ of a strawberry plant.

21. Leaves absorb all colors from the sun except _____.

22. Write out the photosynthesis equation using the words and the chemical symbols.

23. What three things do plants need to carry out photosynthesis?

24. How does the loss of leaves help a plant survive inter or long periods without rain?

25. What is the difference between long-day and short-day plants?

26. What are the three parts of the pistil? What are the two parts of the stamen?

27. What is the difference between sexual and asexual reproduction in plants.

28. What substances enter and exit the leaf through the stomata?

29. What are three environmental factors that affect plant growth?