

# All About Plants

Grade 2-4 · Ages 7-10 · Science · Life Science · ★★

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Circle the correct answer for each question about plants.

- 1.** Which part of a flower makes the pollen?  
(A) the petal  
(B) the stem  
(C) the root  
(D) the stamen
- 2.** What do we call plants that live for only one year?  
(A) evergreens  
(B) annuals  
(C) perennials  
(D) conifers
- 3.** Besides sunlight, which three things does a plant need for photosynthesis?  
(A) water, carbon dioxide, and chlorophyll  
(B) soil, wind, and salt  
(C) nectar, pollen, and bees  
(D) oxygen, sand, and heat
- 4.** What do roots take in from the soil besides water?  
(A) plastic  
(B) oxygen only  
(C) nutrients  
(D) sunlight
- 5.** What do we call the tubes inside a plant that carry water upward?  
(A) stomata  
(B) phloem  
(C) petals  
(D) xylem
- 6.** Which part of the pea plant do we eat?  
(A) the seeds  
(B) the bark  
(C) the petals  
(D) the roots

- 7.** Why do many leaves change color in autumn?
- (A) the tree is sick
  - (B) the leaves get wet
  - (C) the green chlorophyll breaks down
  - (D) the roots stop growing
- 8.** Which plant grows the fastest?
- (A) oak
  - (B) bamboo
  - (C) moss
  - (D) cactus
- 9.** What do we call the hard outer covering of a seed?
- (A) the pod
  - (B) the bark
  - (C) the shell
  - (D) the seed coat
- 10.** What do we call the tiny plants without roots that grow on damp rocks?
- (A) grass
  - (B) lichen soup
  - (C) moss
  - (D) bark
- 11.** Which plant catches insects in its snapping leaves?
- (A) the oak tree
  - (B) the Venus flytrap
  - (C) the daisy
  - (D) the sunflower
- 12.** What is moving pollen from one flower to another called?
- (A) pollination
  - (B) migration
  - (C) germination
  - (D) digestion
- 13.** What do we call plants that grow back every year?
- (A) weeds
  - (B) annuals
  - (C) perennials
  - (D) seedlings
- 14.** What do we call the tiny hairs on a root that take in most of the water?
- (A) root seeds
  - (B) root hairs
  - (C) root petals
  - (D) root leaves

- 15.** What do the rings inside a tree trunk tell us?
- (A) how tall it will grow
  - (B) how many seeds it has
  - (C) the color of the leaves
  - (D) the age of the tree
- 16.** What is the sugar that plants make during photosynthesis called?
- (A) glucose
  - (B) nectar
  - (C) pollen
  - (D) chlorophyll
- 17.** What do we call the part of a plant that holds the seeds, like an apple?
- (A) a root
  - (B) a stem
  - (C) a leaf
  - (D) fruit
- 18.** Which trees make their seeds inside cones?
- (A) oaks
  - (B) palms
  - (C) conifers
  - (D) apple trees
- 19.** What is a plant that catches and digests insects called?
- (A) a conifer
  - (B) a carnivorous plant
  - (C) a cactus
  - (D) an evergreen
- 20.** Which plants have fronds instead of flowers?
- (A) ferns
  - (B) roses
  - (C) apple trees
  - (D) tulips

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