

Name : _____ Period: _____ Date: _____

Bill Nye: Plants

1. Without plants there would be no _____ on earth.
2. Plants take all the _____ we breathe and all the _____ we eat.
3. Plants take energy from the _____ and make their own food in the form of _____.
4. Plants take in _____ from the air, and give off _____.
5. What does photosynthesis mean?

6. What green pigment is the key to photosynthesis? _____.

Nifty Home Experiment

7. What were the bubbles the lettuce made?

8. All living things depend on _____.
9. Plants make _____ for us to breathe.

Consider the following

10. Plants have tricks for moving their _____ around.
11. Dandelions use _____.
12. _____ is the part of the plant where seed are growing.
13. _____ is the amazing way that plants have adapted to living on earth.

Desert plant adaptations.

14. How do cacti store water? _____.
15. Poison oaks have a _____ in them that will irritate your skin.
16. Plants use _____, _____, and _____ to make oxygen gas for us to breathe.
17. Why doesn't kelp need roots? _____.
18. If you burn yourself you can get oil from a _____ plant.

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Way cool scientist

19. Why do plants in the forest have vines?

20. Most plants use _____ from the sun, _____ from the rain, and _____ from the soil to make their own food.

21. An example of a plant that eats raw flies is a _____ plant.

22. What chemical in the atmosphere does this plant not get enough of from the soil?

Experiment

23. Plants make a green pigment called _____ to trap energy from the sunlight.

24. As the days get shorter the trees sense that and stop making _____.

25. Orange comes from _____.

26. Why can't we see the other colors like orange and yellow?
