

ANSWERS: A. Cooler weather, falling leaves, seeds, squirrels, etc B. Evergreen trees don't lose their leaves all at once, so they look ever green, whereas deciduous trees lose their leaves all once every fall. They "decide" to drop their leaves so they can rest over winter and store up energy for spring. C. Chlorophyll helps leaves make food for the tree. Chlorophyll, carbon dioxide and water mix inside the leaf with the energy from the sun to make sugars (carbohydrates) to feed the tree. D. Chlorophyll is green.

D. What color is chlorophyll?



C. How do plants eat?



B. What is the difference between Evergreen and Deciduous?



A. What are some of the changes that occur in fall?



See if you know the answers to these questions about fall. Check your answers at the bottom of this section.

# Autumn Adventures at the Arboretum!

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Draw a picture of something you saw on your Autumn Adventure at the Arboretum



# Fall Scavenger Hunt!



Please do gently touch and explore living plants, pick up leaves, seeds, cones and flowers that have fallen onto the ground and put all collected items back on the ground when you are finished looking at them.  
Please do not pick leaves, flower, cones or seeds off of living plants.

Check the box for each thing you find or see

- A leaf that still has chlorophyll in it (what color will it be?) 
- A seed that could travel in the water 
- A yellow leaf
- A worm or caterpillar 
- A red leaf 
- A seed that an animal would eat (check out the oaks section of the Arboretum)
- A seed that disperses in the wind (check out the woodland garden) 
- A star shaped leaf 
- An evergreen tree
- A seed that could stick to fur or clothing 
- A deciduous tree 



Dispersal: To spread out or scatter. This is a tactic trees and plants use when releasing their seeds. Why do you think trees would want their seeds to spread out or scatter?

Draw a line from the seed dispersal method to the type of seed it matches.

## Type of Seed



Seeds with wings

Seeds that float



Seeds in pods



## Dispersal Method



Water



Wind



Propulsion

## Type of Seed



Seeds that stay hidden until...



Seeds in fruit



Seeds that stick

## Dispersal Method



Eaten by animals



Hitchhikers



Fire