

YOUR CAMP EDUCATION WAS PROVIDED BY CASEY TREES!

Casey Trees is a Washington, D.C.-based nonprofit established in 2002 committed to restoring, enhancing, and protecting the tree canopy of the nation's capitol.

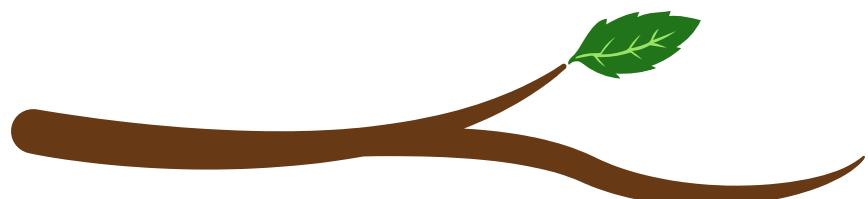
To fulfill this mission, Casey Trees plants trees, engages thousands of volunteers of all ages in tree planting and care, monitors the city's tree canopy, develops interactive online tree tools, and works with elected officials, developers, and community groups to protect and care for existing trees and to encourage them to add new ones.

DC'S TREES NEED YOU! YOU CAN HELP BY:

1. watering trees around your house and school.
2. not breaking branches or pulling off leaves.
3. telling your friends and family about how important they are!



TREEWISE



Junior Urban Forester

FIELD JOURNAL

NAME: _____

Junior Urban Forester

CODE OF CONDUCT



1. Respect all living things
2. Only touch with permission
3. Stay with your group
4. Ask questions
5. Have fun!



Junior Urban Forester Certificate

This certifies that

has completed Casey Trees'
TreeWise Junior Urban Forester program.



This *Junior Urban Forester* is now qualified to assist
Casey Trees in its mission to restore, enhance, and protect
the tree canopy of Washington D.C.

Junior Urban Forester

PLEDGE



I am a Junior Urban Forester,

I will:
**protect trees when I can,
explore more trees in my
neighborhood,
get my friends and family
excited about trees**

because...

TREES ARE IMPORTANT!



DRAW A TREE

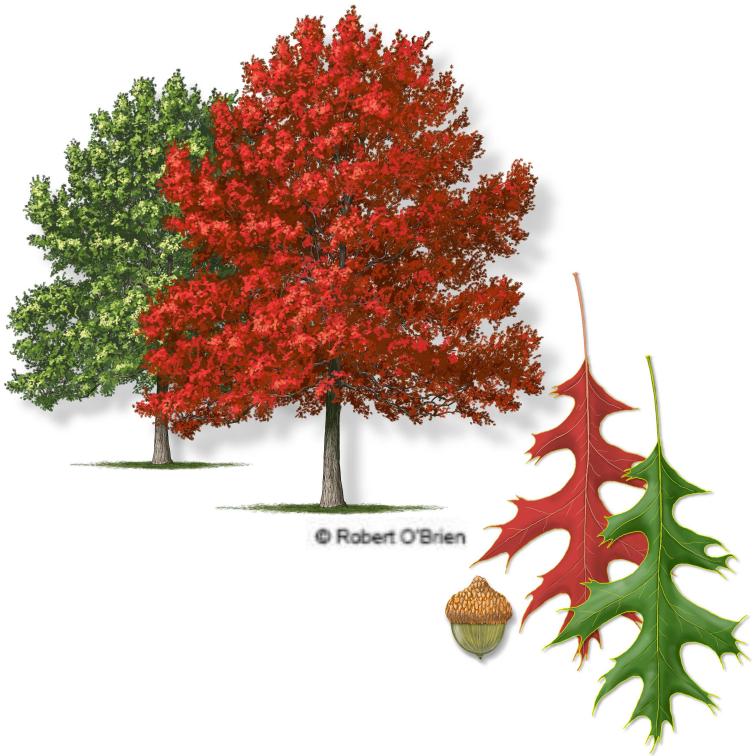


Label the parts of your tree using the words below.

leaves	flowers	roots
fruit	trunk	
branches	bark	seeds

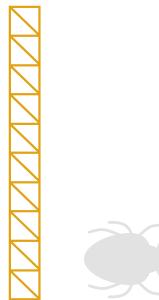
D.C.'s "STATE" TREE

the Scarlet Oak



This beautiful tree has been the official tree of D.C. since 1960. The scarlet oak gets its name from the scarlet red color that it's leaves change to in the fall.

Do you know why trees leaves change colors?



Take a walk in your backyard. Draw some of the wildlife you see here.



ANIMALS A-Z

Can you name an animal for every letter of the alphabet?

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

COMMON TREES OF D.C.

Circle the trees you can find at your camp.



Eastern redbud



river birch



red maple



Southern magnolia



basswood



London planetree

LEAF RUBBING

DC WILDLIFE

Can you find these things in the forest?



Wood Thrush

I'm DC's State Bird!



Common Snapping Turtle

I live in the Anacostia River



American Beaver

I make my home out of trees



What tree is this leaf from?

Draw trees on a city block

LEAF RUBBING

Draw trees in a natural forest



What's in your neighborhood?

WOULD YOU BELIEVE IT COMES FROM A TREE?

We use many things in our daily lives that come from trees. Mark the items below as "true" if they do come from a tree and "false" if they do not.

Chocolate

Rubber

Cement

Aspirin

Paper

Strawberries

Coffee

Syrup

I S E E , I S M E L L

Can you find these things in the forest?

I See...

What shapes and colors do you see? What animals? What has changed trees?



I Feel...

What textures are in the forest? What things are safe to touch?



I Smell...

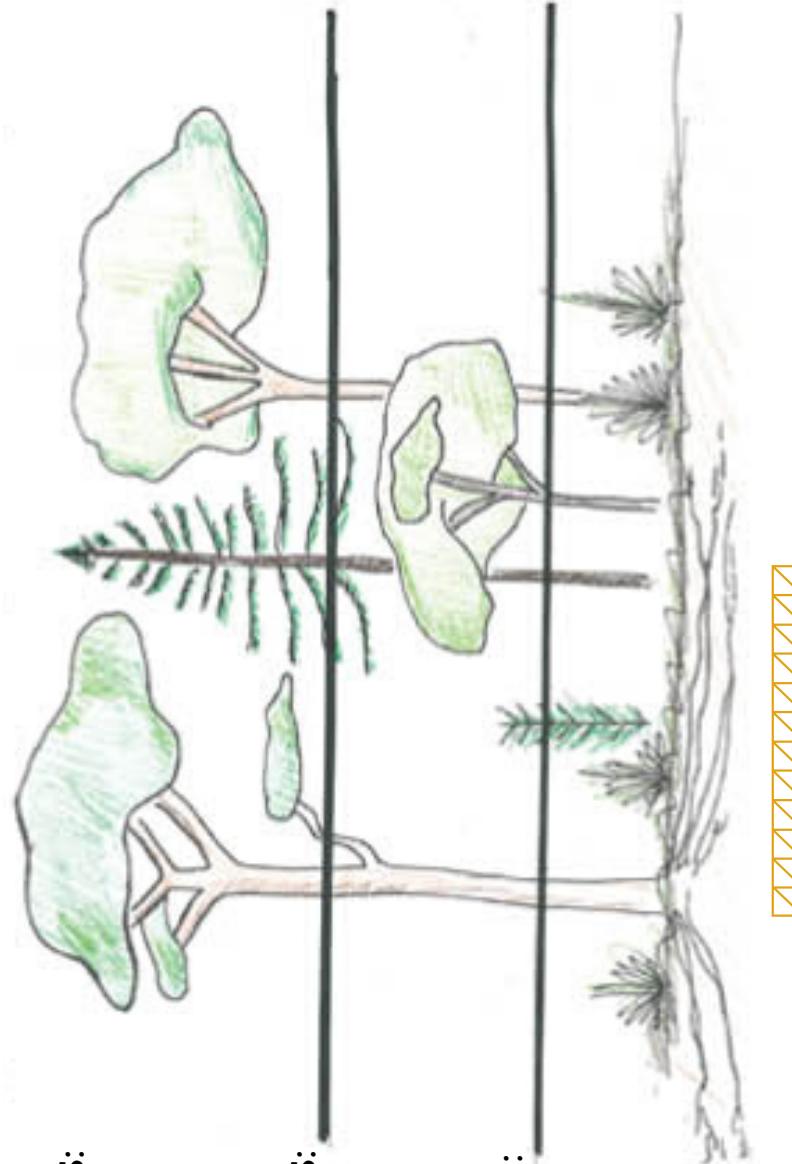
Do trees have smells? What scent does the forest have?



LAYERS OF THE FOREST

As we walk through the forest, record your observations of each layer.

CANOPY
OBSERVATIONS:



UNDERSTORY
OBSERVATIONS:

FOREST FLOOR
OBSERVATIONS:

WE ALL NEED TREES!

Trees offer many benefits to humans.
Write or draw benefits that trees provide us
with, especially in the city.

WHO LIVES IN YOUR TREE?

Trees provide habitat for many different animals and plants.

Draw animals and plants that you've seen living in trees.



forestryimages.org

CAUTION: POISON IVY

This infamous plant causes an itchy rash when touched. So why is it allowed to grow in Rock Creek Park and Kenilworth Aquatic Gardens? Though harmful to humans, poison ivy is an important food source for birds and other wildlife.

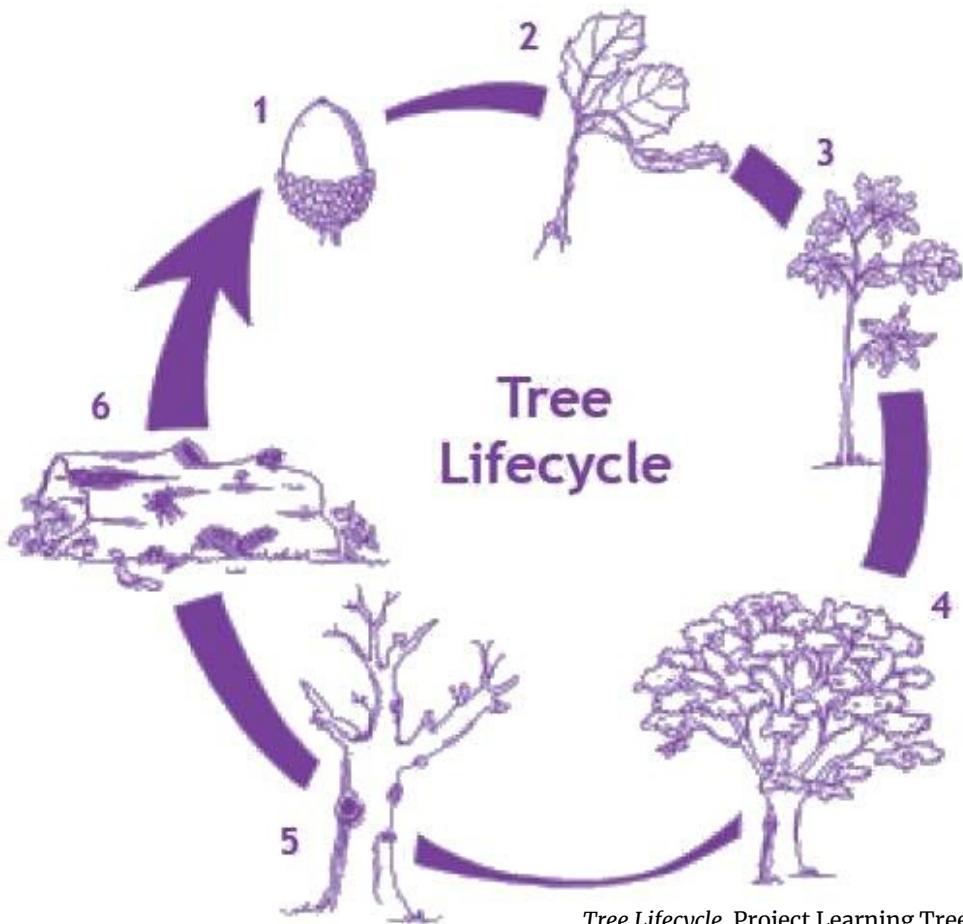
Just remember:

LEAVES OF THREE, LET IT BE.

TREECYCLE

Trees are alive just like us!

Fill in the blanks to complete a tree's life cycle using the word bank below.

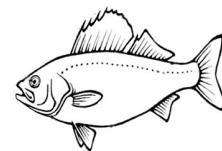


Tree Lifecycle. Project Learning Tree. 2011.

mature tree	snag
rotting log	seed
sapling	seedling

WE ARE ALL CONNECTED

Plants and animals connect to each other through the energy from food. Create a food web by drawing arrows that connect the plants and animals to each other.



THE NEEDS OF A TREE

Trees need some of the same things as humans need to live a long and healthy life!
Draw 3 things that a tree needs to survive.

1.

2.

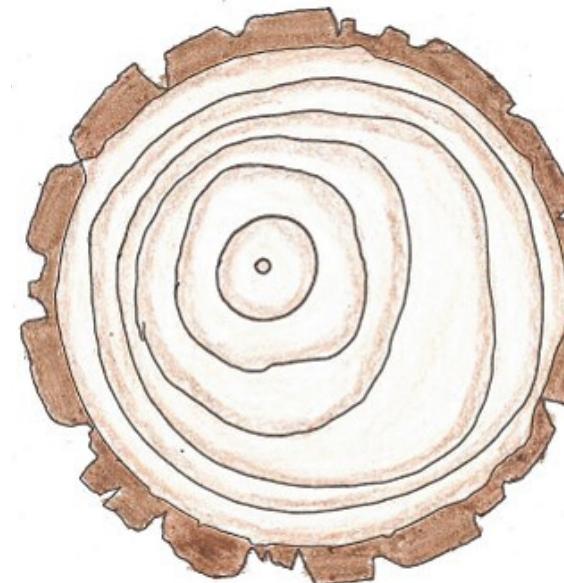
3.

4.

If I were a tree...

The easiest way to tell a tree's age is to look at its rings.

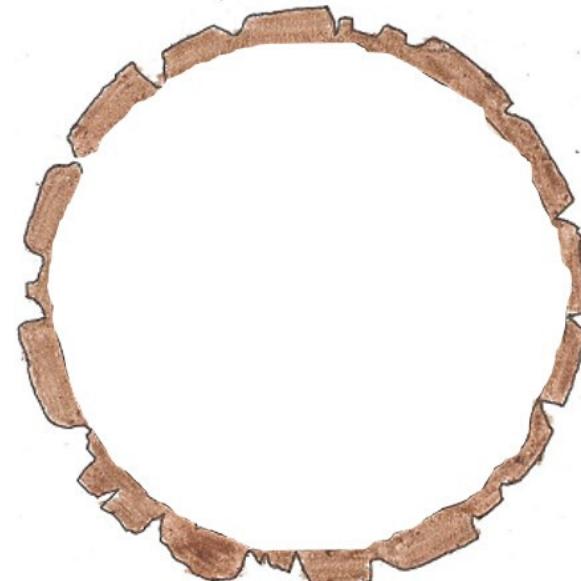
$$1 \text{ dark ring} + 1 \text{ light ring} = 1 \text{ year}$$



How old is this tree?



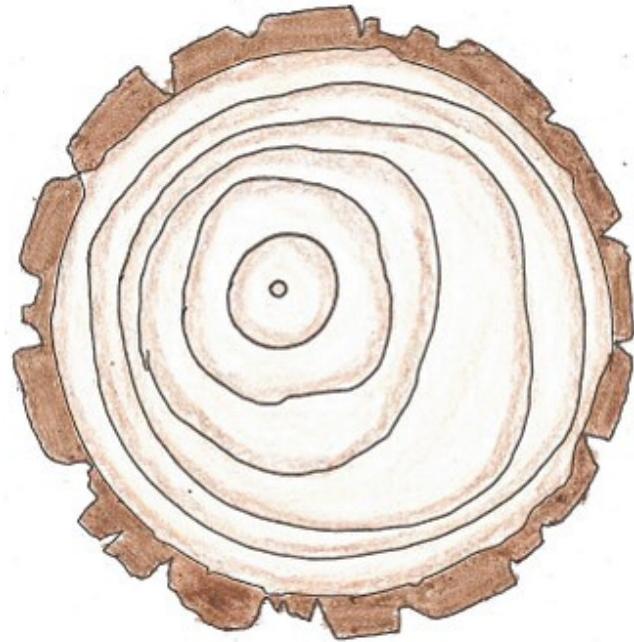
How many rings would you have if you were a tree?



Draw your age rings in the empty tree cookie.

TREE DETECTIVES

What can the rings of a tree tell us?



List 2 things we can know about a tree by looking at its rings.

1.

HARDWOOD HARSHIPS

Cities are tough environments for trees to live in.
Write or draw 3 challenges that a tree faces in a city that don't exist in a natural forest.

1.



2.

3.



TREES GET THIRSTY TOO

It is hard for a tree to get all the water it needs in a city.

This is why they need us to help!

Color in the water droplets to show how much water a tree
needs per week.

 = 1 gallon of water



TREE CARE

We must take care of trees if we want them to be healthy!
Draw the ways that you can take care of the trees around
your camp, school, and home.

