

Conservation For Kids

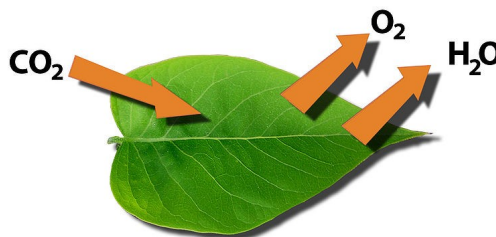
All About Trees!



Trees are all around us and are a huge part of our *ECOSYSTEM* (a word that means a community of living plants and animals). Trees provide us with air to breathe, fruit and nuts, wood for building, and sap for the maple syrup on our pancakes! Trees give shelter and food to birds and animals, also known as *HABITAT*. Take a look through these pages to learn more about amazing trees!

Fun Facts About Trees!

- Trees breathe in the air that humans and animals exhale. This is a gas called *CARBON DIOXIDE*! Trees exhale water and a gas called *OXYGEN* which is the air that humans need to breathe.
- The rings in a tree slice show how many years old the tree was.
- Trees can live the longest of any living thing on Earth! The tallest trees on Earth are the Sequoia trees in California which can grow 300 feet tall!
- Tree roots can stabilize soil, preventing wind and water erosion!



How to Identify Trees!

There are many kinds of trees. Some trees lose their leaves every fall when there is a decrease in sunlight. These trees are called deciduous. Some trees stay green all year, these are called evergreens.

Sugar Maple



New York's official state tree. In the spring it makes sweet sap for syrup. The leaves are green until the fall, where they turn a beautiful orange, yellow, or red. Sugar Maples have samaras (winged seed pods).

Oak



Acorns are the easiest way to spot an Oak tree. The leaves are light green and turn to an orange—brown in the fall.

Beech



Leaves are dark green and turn to a bronze – gold in the fall. They are oval shaped with serrated edges. Beech trees produce spikey round nuts.

White Pine



White pine trees have 5 needles per bundle. They are known for their brown pine cones, and also can make a great Christmas Tree.

Get Outdoors!

Leaf Rubbing Activity

Now that you know what leaves go to what trees, find out what trees are in your neighborhood!

You will need:

A piece of white paper

A crayon with paper removed

A leaf from outside.

A flat table

Instructions:

Collect leaves from outside. Make sure they are dry! Place leaf on flat surface and cover with piece of paper. Using the side of your crayon, make light swipes on the paper over the leaf and watch the leaf come to life! Write the name of the leaf on your paper!



Forest Safety

It's fun to explore our woods and meadows to learn more about nature, but there are several tips to keep us and the forest safe!



- Never go alone! Always tell an adult and bring a buddy! Know where you are going so you don't get lost! Bring a map!



- Beware of ticks! Wear light colored long clothing and pull your socks over your pants to keep them from getting to your skin.



- Never leave a campfire alone. If it's too windy or dry, sparks can start a forest fire! Keep a bucket of water near to put out the fire.



- Always give wild animals their space. Leave bird nests and baby animals alone and do not touch

them. Usually their mama's are just around the corner!



- Always pick up your garbage! Litter can hurt animals and pollute our Earth!



- Bad bugs can hitch a ride on firewood. These bugs can eat and kill trees! Make sure you only use local firewood.

Conservation Activity

Find the words listed below hiding in this tree word search!

Tree Word Search

Z X
Q C
M Z G W
M D G T
T J A Y N S
L W D P R K
K L J M G L F C
Z M O N J M E R
B F O C C D H V R A
W K T B I R L V D L
H L E E N G C N B K K U
M E Y U N A B R A N C H
A Q A X Z N H E V R H K A S
P M F Y M Z D E U K U I Q A
B E Q C I I D T K K U W M Z K V
P F B I N S U X G Z W B D P H B
Z O I F K I N S Z Q K I M Z G N H V
K U W I N T Z O A A Z L N R T I S E
A D I W N S X T I U V E L I L R O O T S
S M H E E H E M L O C K O B T U A I L D
J U O I H P T L Z P F S G W N O S K E I V I
X I Y C M R H Z U D F Z M J G U D G P U M S
T S X X K H X B J D R Q U T O W N F J I H N M X
E X S C O J C Y U O O T G F F J H F W M I Q S K
B I J L L R J I T Q E B D G G S B F Z F Y R B L C V
D U W T P Y D S T N H F T I W D D E K U D W C E K A
L A K A
I T S L
N U A R
F W A Q

MAPLE
HICKORY
HEMLOCK
OAK

ROOTS
ELM
BRANCH
WILLOW

BARK
CHESTNUT
LEAF
SOIL