2021 Poster Contest

Healthy Forests = Healthy Communities

NACD/NACD Auxiliary

Poster Contest

Ideas, Rules, Poster Ideas and Tips

About Me

- **Name:** Nicole Brede
- **From:** Carlos MN
- **School:** NDSU
- **Kids:**
  - 2 Daughters
  - 2 Dogs
- **Favorite Food:** Ice Cream
- **Favorite Tree:** Birch
- **Hobbies:** ATV riding, Camping, Photography

HEALTHY FORESTS HEALTHY COMMUNITIES

National Association of Conservation Districts

www.nacdnet.org

Pope SWCD

Our Mission:

Conservation, Protection, and Enhancement of Pope County's Natural Resources.

Pope SWCD Staff

Pope SWCD Board Members

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2021 Poster Contest Theme:

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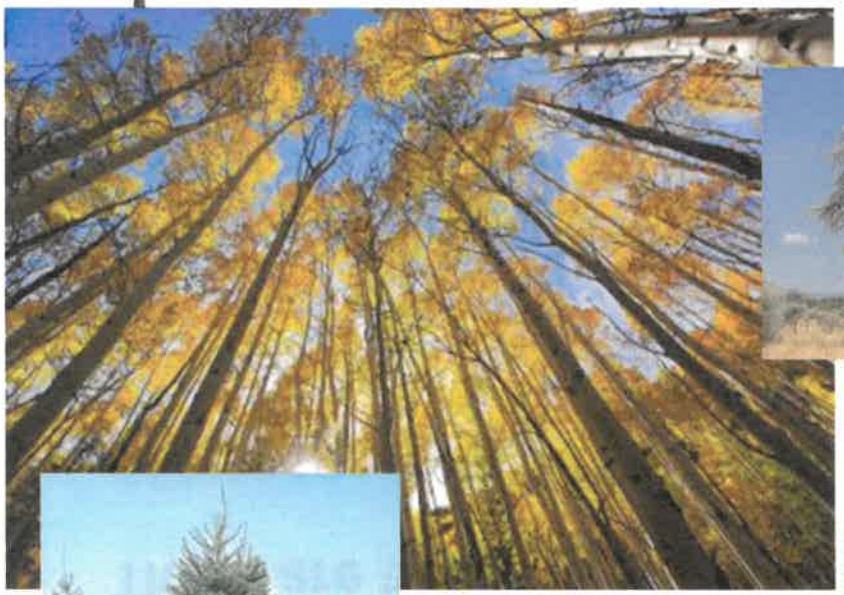
Trees!



HEALTHY FORESTS
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Not all trees are alike.

There are two basic types

of trees to look for:

- Deciduous / hardwoods
- Coniferous / softwoods

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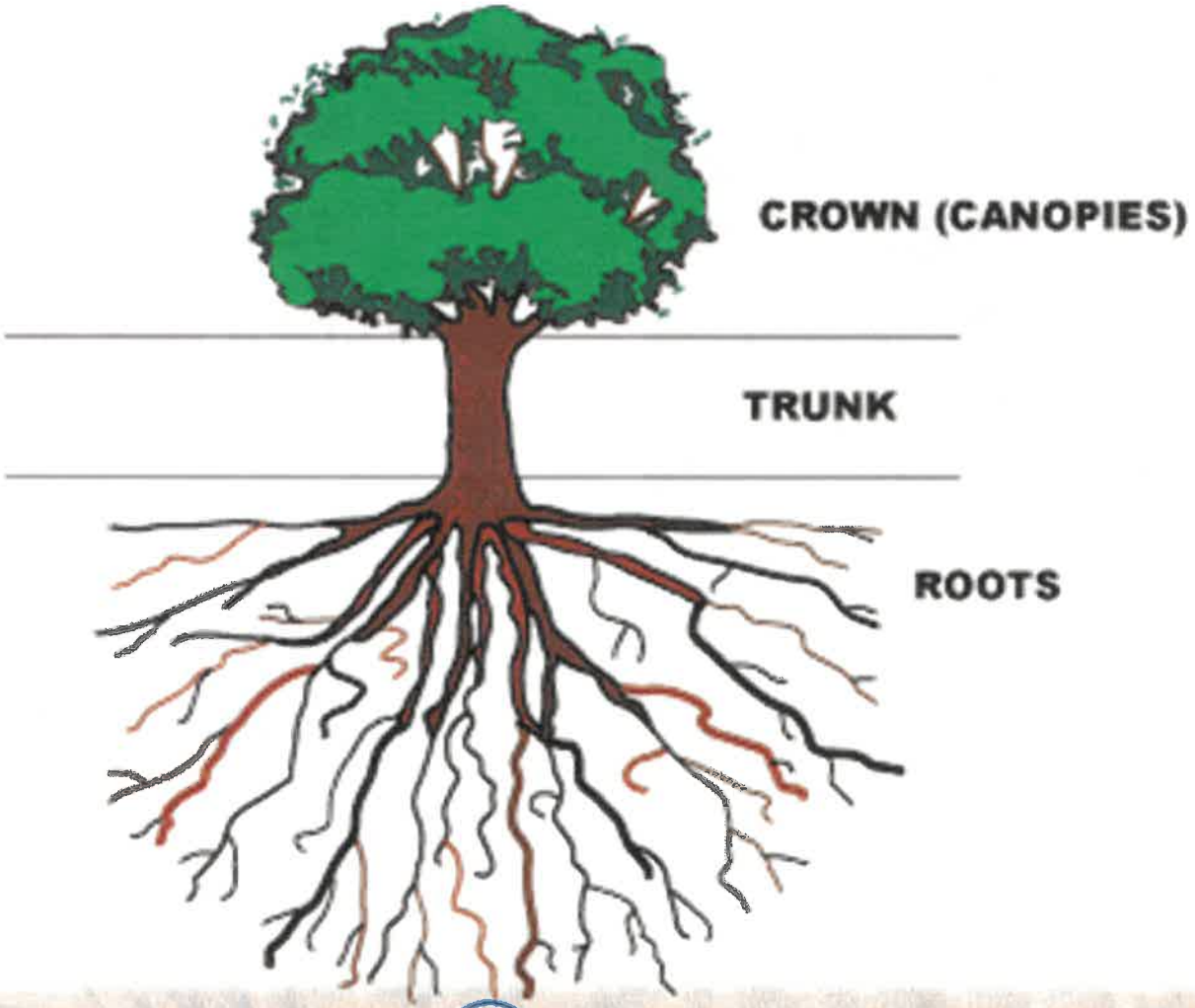
Why are trees important?

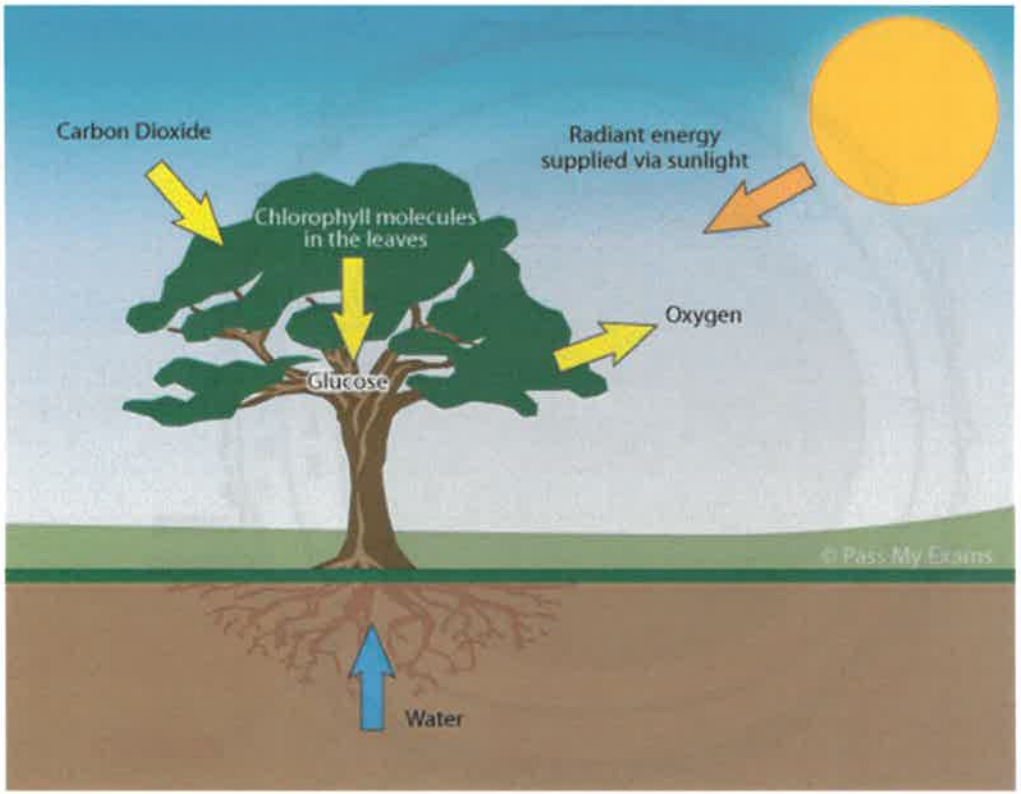
- **Filter our air**
  - Trees breath in Carbon Dioxide and let out Oxygen
  - We breath in Oxygen and let our Carbon Dioxide
- **Improve our water**
- **Stabilize soil and reduce runoff**
- **Provide shade and habitat**
- **Provide fruits and nuts**
- **Reduce noise pollution**

Parts of a Tree



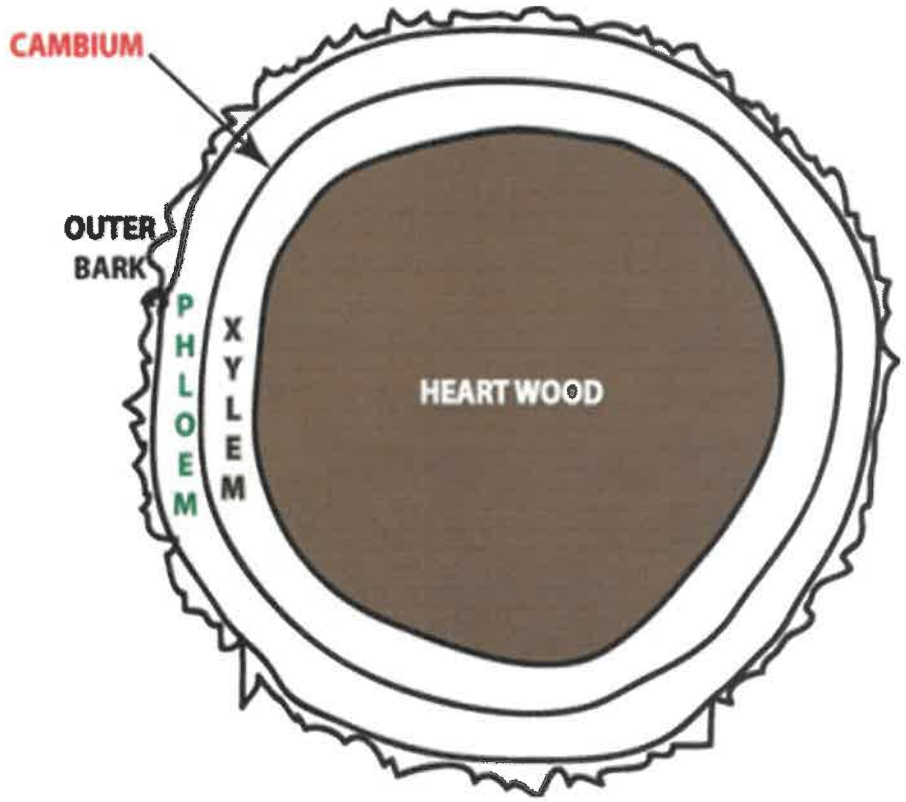
Crown

- Made up of leaves and branches.
- Provides shade for the roots to help keep cool.
- Leaves preform photosynthesis.
  - Convert energy into food(sugar)



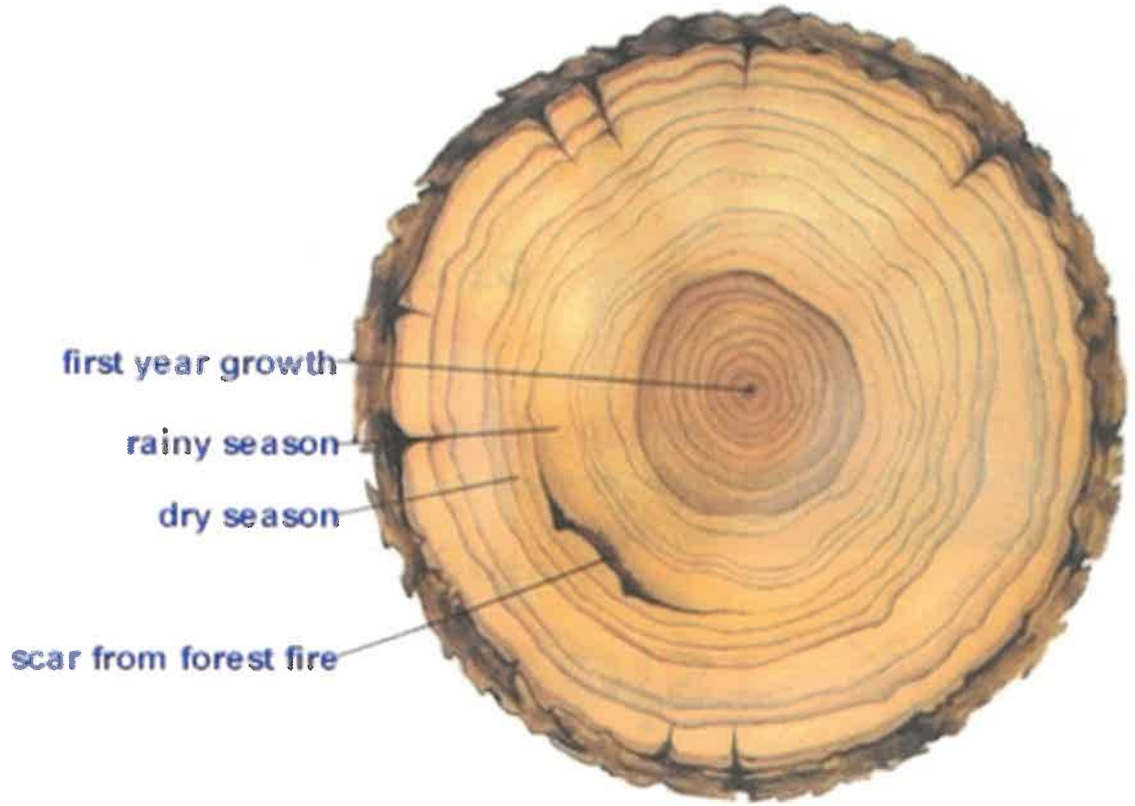
Trunk

- Helps transport water and nutrients between roots and leaves
- Made of:
  - **Bark-** protects the tree
  - **Cambium-** layer of new cells that allows tree to grow wider
  - **Phloem-** nutrients from crown to roots
  - **Xylem-** nutrients from roots to crown
  - **Heartwood-** support and strength to the tree



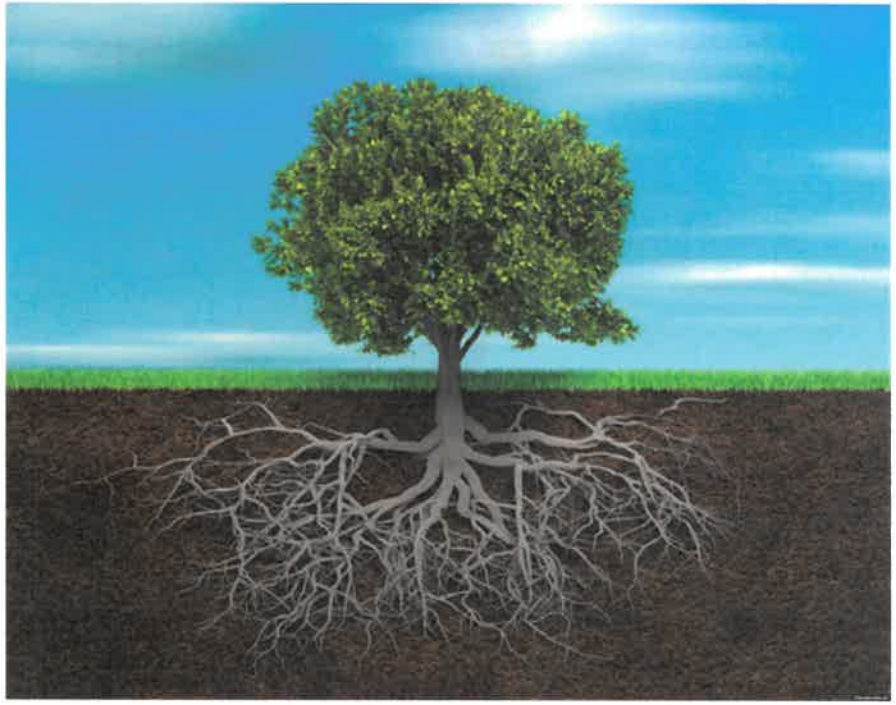
Trunk: Annual Rings

- Annual rings: each year of life



Roots

- Take up water and nutrients from the soil.
- Very large root structure to support the tree.
- Storage for water and nutrients. Available when there is less.



How do trees grow?

A tree grows in three ways:

1. Its crown gets taller.
   - The branches and leaves that extend from the trunk of the tree or main stems.
2. Its trunk gets wider.
   - The trunk gives the tree support to help keep it from falling and holds up the crown.
3. Its roots go deeper into the soil.
   - The roots go down very deep and hold the tree in place.

How many trees do we need to breathe?

One large tree can make enough oxygen in one day for 2 people.

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We aren't the only ones who need trees!

FORESTS HEALTHY COMMUNITIES

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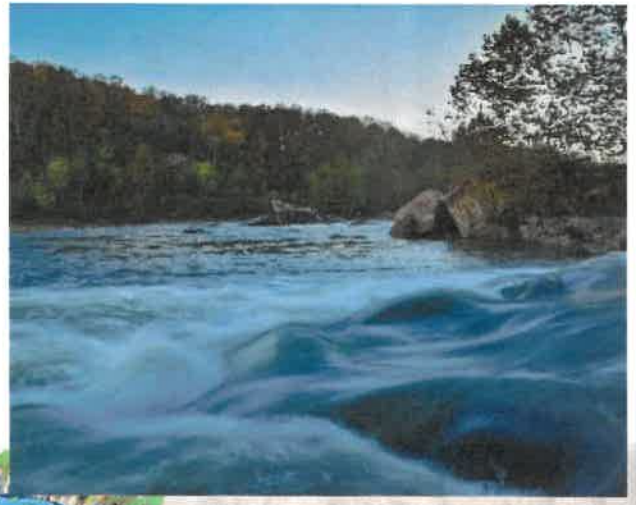
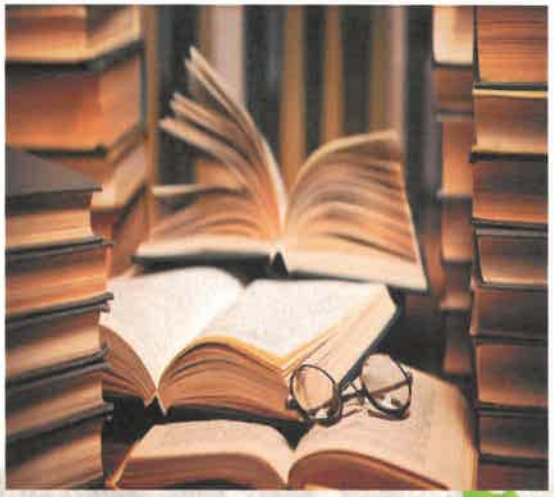
Things we get from trees and benefits of trees





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WOOD you believe?

dye
oxygen
piano keys
rayon - books
fishing floats - inks
telephone books
varnish - atlases and maps
price tags - ping pong balls
tires - umbrella handles -signs
automobile instrument panels
space craft reentry shields - newspaper
photographic film - newspapers - posters
football helmets - toilet seats - guitars
road building materials - insulation

shatterproof glass - artificial vanilla flavoring
cork - vacuum cleaner bags - movies - stadium seats
adhesives - decorations - turpentine - camphor - waxes
fireworks - crayons - tannin - charcoal - pine oil - pitch
musical instruments - perches for birds of prey - toilet paper
milk cartons - flooring - bark for landscaping - cardboard
grocery bags - furniture - chewing gum - paper towels
oil spill control agents - Christmas trees - hockey sticks
wildlife habitat - cosmetics - roofs - baby foods - cider - vitamins
cooking utensils - photographic film - lacquer - pallets - rubber gloves

mulch - clean water - golf tees - egg cartons - nail polish - fence posts - toys
toothpaste - eyeglass frames - syrup - antacids - shampoo - rubber gloves
menthol - electrical outlets - medicines - energy for electricity - plates and bowls
sausage casings - torula yeast - rulers - wooden blocks - houses - notebook paper - oars
plywood - paper plates - computer casings - stain remover - coffee filters - toothpicks
movie tickets - carpet and upholstery backsides - imitation bacon - diapers - horse corrals
postcards - tax forms - sponges - shade - particle board - shoe polish - luggage - bowling alley lanes
postage stamps - colognes - animal bedding - irrigation piping - fruit pie filling - golf balls - game boards
suspending agent for drinking soda - pencils - dry wall - baby cribs - baseball bats - lumber - decoys - kites
magazines -ice cream thickener - step ladders - birthday cards - broom sticks - cider - ceiling tiles
crutches - backyard play sets - axe handle - food labels - 2 x 4's - candy wrappers
scenery - party invitations - disinfectants - cd inserts - gummed tape - fruit
railroad ties - shelter belts - puzzles - swings - baking cups

buttons - cutting boards
benches - bird houses
stereo speakers
garden stakes
stairways - beds
tables - barrels
window frames
bulletin boards
linoleum - seesaws
fishing boats - billboards
disposable medical clothing
church pews - totem poles - desks
How many other tree products can you list?

We get so much from trees!

http://www.idahoforests.org/wood_you.htm

What harms our trees?

- 1. Invasive Species
- 2.Uncontrolled wildfire
- 3. Loss of open areas or undeveloped areas

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We Need Trees. Trees Need You.

There are many things we can do:

- **Control invasive plants on your property.**
- **Plant a native tree!**
  - If you don't have yard space, then plant one in a large pot and place it on your deck or porch.
- **Visit a forest and be sure to stay on marked trails.**
  - If you picnic or camp in a forest, always be very careful with grills and campfires.
- **What are some other ideas?**

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What Does the SWCD Do for Trees?

National Association of Conservation Districts

www.nacdnet.org

What Does the SWCD Do?

National Associati
Conservation Dist

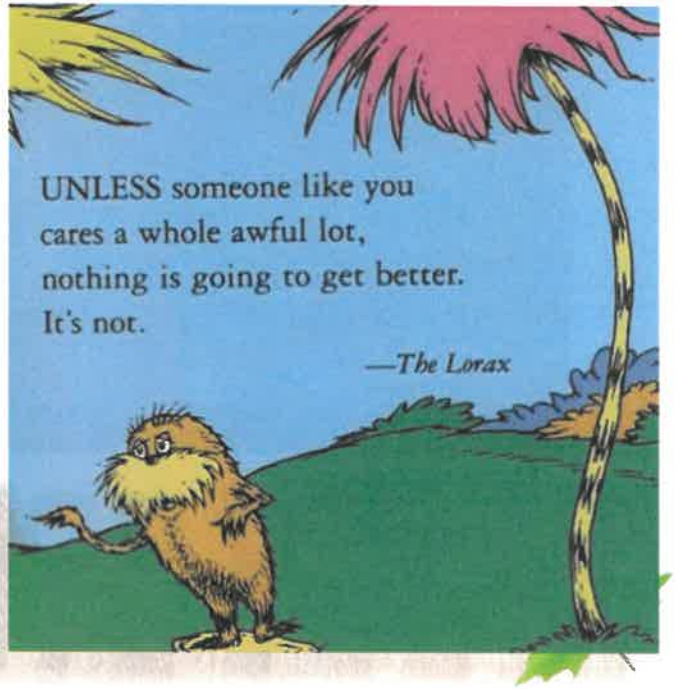
www.nacdnet.org

Help is here!

"To me a lush carpet of pine needles or spongy grass is more welcome than the most luxurious Persian rug."
~ Helen Keller ~

Your local conservation district is eager to help you care for the trees in your community. Contact them for more information.

National Association of Conservation Districts (NACD)
http://www.nacdnet.org/general-resources/conservation-district-directory/



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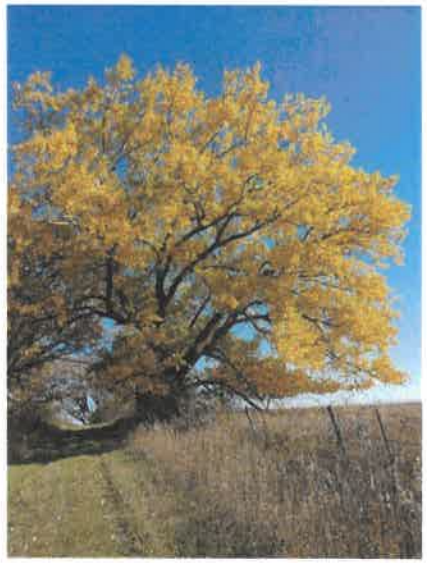
Fun Tree Facts!

- Many forests and trees living in the United States today have been alive for hundreds and even thousands of years.

- 5,000 years ago a seed germinated on a mountain in California. The seed grew into the oldest living organism on earth, a Bristlecone Pine tree!

Fun Tree Facts!



- A single tree can absorb 48 pounds of carbon dioxide from car emissions per year.
- One large tree can remove up to 100 gallons of water out of the soil and release it into the air in a single day.
- One person uses enough wood related products per year to equal a 100-foot tree 18 inches in diameter.
- Minnesota State Tree is Norway Pine. (Also called Red Pine)

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2021 Poster Contest Theme:

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Do:

- limit text and balance a combination of illustrations and words.
- be as neat as you can and be sure to erase any penciled sketches or guidelines.
- blend colors when using crayons or colored pencils.
- research the theme topic as a way to brainstorm poster ideas.

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Brainstorming Poster Ideas

- Research the topic of the theme
- Brainstorm ideas and make a list
- Use the theme as your title:

Healthy Forests Healthy Communities

- Use some of the important topics from this presentation.
- Look around your community for ideas.
- Talk to professionals in the industry.
- Research TREES online and use the information found in your poster.
- Make sure your poster is easy to read.

Don't:

- Don't use staples, tacks, or tape.
- Don't use fluorescent-colored posters.
- Don't create a poster that is all words or all illustrations.
- Don't have your parent or others draw your poster for you to color in.
- Don't try to include too many ideas. A single message – clearly illustrated – is most effective.

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Local Contest Information

Who- Any fifth or sixth grader in the 2020/2021 school year, living or going to school in Pope County, may enter by submitting one entry.

Size- Poster: 12" x 18" minimum – 22" x 30" maximum

Material- Construction paper or drawing paper that doesn't smear should be used. DO NOT FOLD!!

Theme- The poster must express the theme "Healthy Forests Healthy Communities", not less than ½" in size somewhere on the face of the poster. Letters may be stenciled.

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Local Contest Information

Artwork- Posters must be original artwork. Do not use copyrighted cartoon characters/clip art.

Back of Poster- List the following identification information on back of the poster: **IMPORTANT!**

- → Student's Name- **ON BACK**
- → Parent's Name and Telephone Number
- → Teacher, School, Grade Level and City

Delivery- Please deliver to Pope SWCD office by **May 14, 2020.**

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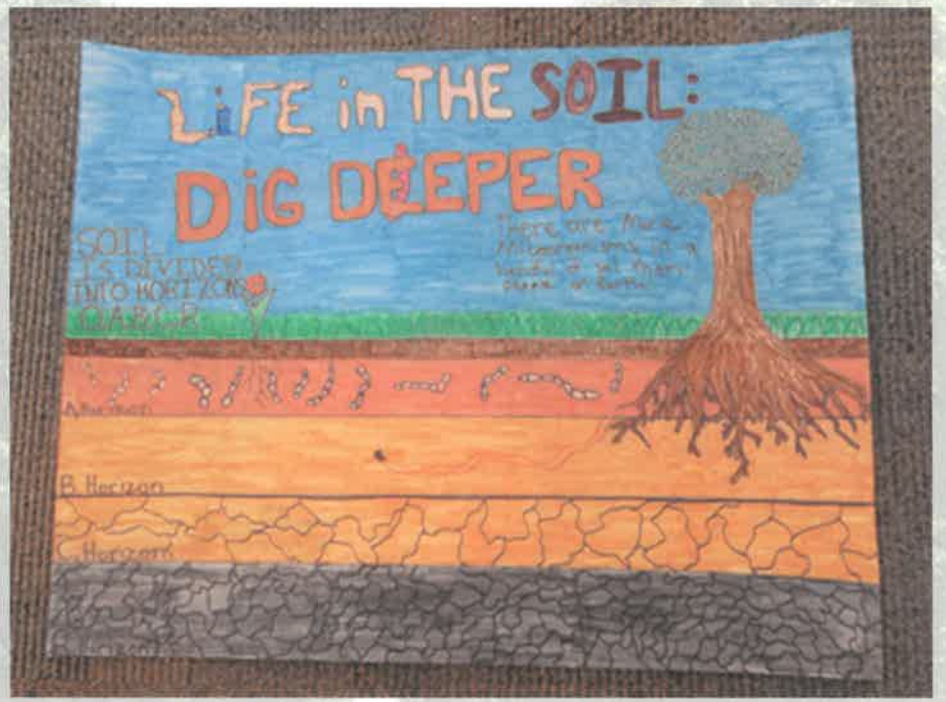
AWARDS

Each school-

1. First
2. Second
3. Third

OVERALL-

1. First
2. Second
3. Third



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Judging Criteria

50% Impact of Conservation Message – written and artistic message

30% Originality

20% Artistic Arrangements

Any poster not complying with the rules will be disqualified.
Make sure your name is written on the BACK

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For Additional Information…

Visit https://www.nacdnet.org/conservation-education-hub/

Entry Forms, Rules and Resource files are also available for download on the contest page at:

https://www.nacdnet.org/general-resources/stewardship-and-education-materials/contests/

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Questions??

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