

We All Need Trees

www.nacdnet.org/education/contests

The 2016 Poster Contest is Here!

The National Association of Conservation Districts (NACD) and the NACD Auxiliary are excited to be sponsoring the 2016 youth poster contest. This year's educational and contest theme is "We All Need Trees".

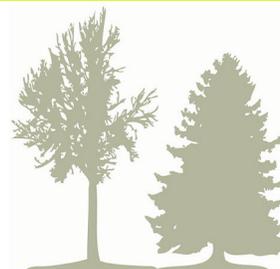
Winning entries will be selected by your local conservation district and sent to the state level for judging. State winner entries will then be sent on to the national level, where one overall winner will be selected by January 31st. The winning poster will be used for local and state level promotion materials. Again this year, monetary prizes will be awarded to the 1st-3rd place winners in each category. Prize money sponsored by the NACD Auxiliary and the Albert I. Pierce Foundation.

- **\$200** for 1st Place National Winners
- **\$150** for 2nd Place National Winners
- **\$100** for 3rd Place National Winners

Send your entries to your local conservation district

- Visit www.nacdnet.org/about/districts/directory to find your local conservation district.

Visit www.nacdnet.org/education/contests for full contest rules & details.



POSTER CATEGORIES

K-1st Grade

2nd-3rd Grade

4th-6th Grade

7th-9th Grade

10th-12th Grade

NACD Forestry Educational Resources

The website below will take you to some of the great educational resources that the National Association of Conservation Districts has available online. If you are an educator, we encourage you to implement some of the lessons in your classroom.

www.nacdnet.org/education/resources/

Available at this site:

- Grade specific Student Booklets for review
- Educator's Guides
- Links to external resources in the educator guides
- Activities and more.
- Coming soon will be the We all need trees page

Why are trees important?

Trees are essential for the survival of humans and other living organisms. Through photosynthesis, trees convert the Carbon Dioxide (CO₂) that mammals exhale into Oxygen (O₂) that we then breathe in. Although all plants perform photosynthesis, trees convert the most CO₂ to O₂ due to their large size.

DID YOU KNOW?

- 100 trees remove 53 tons of carbon dioxide and 430 pounds of other air pollutants per year.
- One hundred mature trees catch about 139,000 gallons of rainwater per year.

Source: U.S. Forest Service: www.fs.fed.us/learn/trees



Forestry Contest Resources

Visit the websites below when researching information related to your project. Check your local library for more resources on the importance of forests.

The Benefits of Trees:

U.S. Forestry Service

www.fs.fed.us/learn/trees

Grow Trees

http://www.grow-trees.com/why_trees/about_trees.aspx

TreePeople

<http://www.treepeople.org/resources/tree-benefits>

North Carolina State University

<http://www.ncsu.edu/project/treesofstrength/benefits.htm>

Earth Share

<http://www.earthshare.org/2013/07/treebenefits.html>

The Role of Trees in Carbon Sequestration:

Alabama Forestry Commission

http://www.forestry.alabama.gov/carbon_sequestration_faqs.aspx



NY State Dept. of Environmental Conservation
<http://www.dec.ny.gov/lands/47481.html>

Youth Specific Sites:

EcoKids

http://www.ecokids.ca/pub/eco_info/topics/forests/benefits_of_trees.cfm

eSchool Today

<http://www.eschooltoday.com/forests/forest-preservation-tips-for-kids.html>

What makes a Tree a Tree:

American Forest Foundation

<http://www.forestfoundation.org/family-activities-in-nature>

KidZone Science

<http://www.kidzone.ws/plants/trees.htm>

Connecting Kids to Nature Project Learning Tree

<https://www.plt.org/-connecting-kids-to-nature>

Discover the Forest

<http://www.discovertheforest.org/>

ADDITIONAL ITEMS

USDA Forest Service

<http://www.fs.usda.gov/main/conservationeducation/materials>

For kids

<http://www.fs.fed.us/kids/>

USDA Agroforestry

<http://www.usda.gov/wps/portal/usda/usdahome?contentidonly=true&contentid=agroforestry.html>

Tools

Interested in determining what the benefit of urban trees are? Use the i-Tree application to evaluate how the trees around you contribute to carbon sequestration, energy savings, improving air quality and storm water interception.

<http://www.fs.usda.gov/ccrc/tools/i-tree>

Tree Products

Trees not only provide us with oxygen to breathe, shade on a sunny day, or food products like fruits and nuts, but they are also used to make many of the products we use every day. From paper products to finished furniture, trees have many end uses. It is our responsibility to manage and monitor the number of trees we cut down to make these products. See a list of wood products here:

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

