

September

2014-15



Go Green Initiative
We're a school system of choice
and our choice is green

Cumberland County Green Schools Program
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Go Green Initiative

Energy Conservation Poster and Slogan Contest (Note Earlier Start and End Dates)

This year we are asking schools to submit their entrants between the dates of Monday, September 15 and Friday, October 17. All entries are due at Operations no later than end of business day at 5 PM on Friday October 17, 2014. No Exceptions. To learn about energy conservation and celebrate what we can do to conserve energy... (trumpets please)... the Cumberland County Schools Energy Department is conducting their annual **Energy Conservation Poster Art and Slogan Contest** for elementary, middle and high school students. The main focus of this drawing contest is to **motivate all to save energy.**

We invite: all **art teachers' students**, teachers with **students who have art in their heart** and all **environmental advocate students** and anyone in between to create **original** artworks that display or depict the concept of "energy conservation". All drawings shall demonstrate a theme or express an artistic slogan related to energy conservation or efficiency. Listed at the end are websites that may be of interest to some teachers or students for ideas. Each school will **submit their top three drawings from their schools competition (that's all, just 3) to the address below.** The drawings selected in the top sixteen will be displayed in the Cumberland County Board Room in December and the top energy conservation idea/drawing will be copied in poster form and distributed to all schools in Cumberland County. Each

entry will compete in an elementary grades **Pre-K to Grade 2** (will receive a certificate only), and Grade 3 through Grade 5, middle or high school competition for the following:

First Place - \$100 and certificate
Second Place - \$75 and certificate
Third Place - \$50 and certificate

Contest Guidelines:
Schools may submit **no more than three** entries; so get everyone involved for a school wide contest.

Each entry must be **submitted through an identified class and teacher.**

Each **entry must have attached (lightly with tape) on the back of the artwork an Entry Form completely filled out.** Entries will not be considered unless the Entry Form is attached and all of the information is filled out. Do not write on the front or back of the artwork. **Submitted artwork will not be returned.**

All artwork **must be original.** No kits or traced, copied or altered artwork will be accepted.

All artwork must be **two dimensional drawings or paintings.** Collages or three-dimension artworks cannot be accepted. A **variety of art media** may be used including watercolors, acrylics, colored markers, pen & ink, oil paints and tempera. Please select media that is best suited for printing and reproduction purposes.

Each drawing must be **labeled with a slogan regarding energy conservation or efficiency.**

The minimum size for entries is 8 1/2" x 11". The maximum size is 12" x 16". **Make**

sure there is a 1 inch margin so we can reproduce the poster without cutting off any valuable part of the art!

Artwork should be **submitted flat** and not rolled.

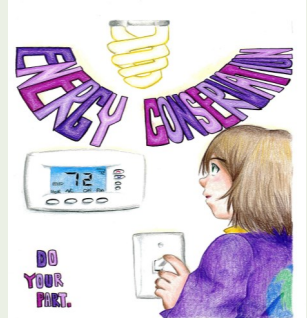
All entries **become the property of CCS and will not be returned.**

Please deliver or mail all entries to:
Allison Tew
c/o Cumberland County Schools Operations-Energy Department
810 Gillespie Street
Fayetteville, NC 28306

Judging Criteria:

Artwork will be judged as follows:
Subject Matter – Theme/Slogan 35%
Originality and creativity 35%
Artistic execution and craftsmanship 25%
Appropriateness for reproduction 5%

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Tired of Junk Mail?

National studies indicate that up to 70% of household mail is unwanted!

Since Yellow Pages Opt Out began, the total consumption of paper used in directories has decreased by more than 50%. Recycling one ton of paper saves 7,000 gallons of water and 3.3 cubic yards of landfill space. Recycling one ton of paper saves enough energy to power one

American home for about six months!

The US Environmental Protection Agency estimates that "44% of junk mail is discarded without being opened or read, equaling 4 million tons of waste of paper per year, with just 32% recovered for recycling."

Over the last few years we have been searching for a way to keep all those unwanted mailers, phone

2013-14 High School First Place Winner

books and catalogs out of the mailbox.
Freemymailbox.com is a directory service of sites dedicated to reducing junk mail, catalogues, and other unwanted clutter from people's lives. It takes some time and you need to have the catalogs that you want to opt out of to make it easier. Simplify your life.

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Special points of interest:

- New websites help to get rid of the Junk Mail!
- Seed money and a Mentor for the Environmental Stewardship Challenge -Apply Now
- Draw Energy Conservation in Action and win Money!
- Try a health habit that is environmental sound - Walk/Bike to School
- Professional Development-Environmental Experiences-Grants and more
- Energy Lessons and Activities and Resources

Take the Environmental Stewardship Challenge, Terry Sanford Already Has!

The Environmental Stewardship Challenge is a competition for K-12 schools. USGBC NC provides seed money and a Mentor to each school to help get them started.

Students select projects to improve their school environment in one or more of the following categories: Energy, Water, Recycling, Indoor Air Quality, Site.

Students work on their projects beginning in September and continue until the month of March.

Students should engage the entire school population to increase the impact of their projects, and document their projects throughout the year.

At the end of the Challenge, the documentation is judged by independent judges and cash prizes are awarded in each of the 5 categories.

Student groups are encouraged to hold a Green Apple Day of Service project to kick off the Challenge, or to announce their projects to the school.

Groups can start at any point during the school year, but we encourage schools to start the program in September or early in the school year to have time to achieve the most success with their program.



We learn here. Where we learn matters..

School buildings have a remarkable effect on how students learn and teachers teach.

What does it mean to go **GREEN**? A Green School creates a healthy environment that is conducive to learning while saving energy, resources and money. A Green School can be anything from a formally certified LEED building (Leadership in Energy and Environmental Design) to a school where low to no cost improvements are made to conserve energy and resources and educate students as well as the school community about sustainability and environmental issues. To learn more about the Environmental Stewardship Challenge, please visit www.usgbcnc.org/ESC

How Can We Get Involved?



Contact Us:

USGBC North Carolina
Chapter
www.usgbcnc.org

Sarah Montgomery
smontgomery@usgbcnc.org
Ph: 919-599-1192



On **Sept. 27, 2014**, the Green Apple Day of Service will bring together thousands of students, teachers, parents and community leaders from around the globe to improve our school environments through service projects, education, community events and more. Green Apple is a global movement to put all children in schools where they have clean air to breathe, where energy and resources are conserved, and where they can be inspired to dream of a brighter future. Even a small project can make a huge difference in raising awareness about sustainable issues around school environments. Go to mygreenapple.org for project ideas or contact us at: smontgomery@usgbcnc.org



The Environmental Stewardship Challenge program engages K-12 students who select a project that will improve sustainability at their school by focusing on one or more key areas for green building: water conservation, energy efficiency, indoor air quality and waste management/recycling and sustainable site features.

At the end of the Challenge, the documentation is judged by independent judges and grants are awarded in each of the 5 categories.

Student groups are encouraged to hold a Green Apple Day of Service project to kick off the Challenge, or to announce their projects to the school.



Walk Bike to School October 8, 2014

October 8 is International Walk to School Day! The Walk Bike to School website has all the information you need to participate. They have all sorts of information from the basics, to advertising suggestions, how to plan for safety and how to participate by registering on their website.

They have all the answers to your questions about biking or walking to school, not just for this event but for the whole school year. It's a healthy habit, and it is an environmentally sound idea from the green schools perspective. Less pollution when you walk to school. It is a '<3' (heart) healthy habit to boot (all puns intended).

Not a neighborhood school? Your students can't walk to school because of heavy traffic? 'Recess, physical education or even class time can be dedicated to walking or biking together. Students can use the school field or playground

or, with a little planning, walk and bike around the school campus. Resourceful event organizers have even held walks in gyms in rainy weather. It's an activity all the children can enjoy, and the walks or rides can be tied into a variety of class-

room activities. Schools can host bike rodeos or walking parades after school if it is not possible to walk or bike to school, or hold a parade during school hours.' (from the website: <http://www.walkbiketoschool.org/>)

WALK BIKE TO SCHOOL

Ready? (Commit Dates) | Get Set! (Planning & Outreach) | Go! (Register & Participate) | Keep Going! (Walk, Bike, Skate, Roll!)

Celebrate International Walk to School Day on October 8!

Register your event **
 Learn about Walk to School Day **
 Plan a Walk to School Day event **
 See who's walking in 2014 **
 See who walked in 2013 **
 Share your Walk to School Day photo on our Facebook event page **

PEDESTRIAN SAFER JOURNEY

Starting a conversation with children and youth about pedestrian safety.
 Pedestrian Safer Journey **

COUNT DOWN TO OCT 8
30 DAYS

Be on the lookout for more information from Cumberland County Schools Healthy Living

No Teacher Left Inside – Grants – Fundraising

The NC Wildlife Resources Commission is offering the following workshop: **Growing Up WILD 3:00-9:30 September 11, 2014** **Pembroke, NC Fee: FREE** Contact mike.campbell@ncwildlife.org or (252) 670-0090. Growing Up WILD is an early childhood education program that builds on children's sense of wonder about nature and invites them to explore wildlife and the world around them. **CATERPILAROLGY** NC Museum of Natural Sciences, Raleigh, NC Thursday, September 18, 2014; 5 - 9 p.m. Fee: \$25 (includes transportation and resource materials) Caterpillars are a great learning re-

source for students of all ages. Join us in the field and classroom as we learn how to locate and identify common North Carolina caterpillars, how to raise caterpillars and which plants to add to your garden to attract common species. **BugFest** Saturday, September 20, 2014 9am–7pm NC Museum of Natural Sciences, Raleigh.

The greatest achievement was at first and for a time a dream.
 The oak sleeps in the acorn; the bird waits in the egg; and in the highest vision of the soul a waking angel stirs.
 Dreams are the seedlings of realities.
 ~ James Allen

Green Works! Grants up to \$2K Ddline Sept 30 <https://www.plt.org/greenworks>

Seeds for Education Grant < \$500 Ddline Oct 15 <http://www.wildones.org/seeds-for-education/sfe/>

Offers for GSA Members Schools free membership just a school commitment <http://www.greenschoolsalliance.org/membership>

Grants, Award and Professional Development and No Teacher Left Inside on the calendar www.eenorthcarolina.org/

Energy Conservation and Action Lesson Plans and Activities Links

Energy Kids—using energy calculators, energy sources, using and saving energy <http://www.eia.gov/kids/>

Department of Energy, Office of Energy Efficiency and Renewable Energy —Energy literacy, energy basics, renewables, transportation, K12 lesson plans <http://energy.gov/>

Green Your School— <http://energy.gov/eere/education/green-your-school>

Biomass

Wood | Garbage

Biomass is anything that is, or once was, alive. Biomass is wood, plants, and garbage.

NEED National Energy Education Development Project—Energy curriculum for educators and students

<http://www.need.org/educators>

Example of Primary (below) and Secondary (right), Renewable Energy booklet

Biomass

What Is Biomass?
 Biomass is any organic matter—wood, crops, seaweed, animal wastes—that can be used as an energy source. Biomass is probably our oldest source of energy after the sun. For thousands of years, people have burned wood to heat their homes and cook their food. Biomass gets its energy from the sun. All organic matter contains stored energy from the sun. During a process called photosynthesis, sunlight gives plants the energy they need to convert water and carbon dioxide into oxygen and sugar. These sugars, called carbohydrates, supply plants and the animals that eat plants with energy. Foods rich in

Biomass at a Glance, 2012

Classification: • renewable	Major Uses: • electricity, transportation fuel, heating
U.S. Energy Consumption: • 4.38% • 4.61%	U.S. Energy Production: • 4.42% • 5.58%

(Most electricity from biomass is for cogeneration, and is not included in these numbers.)
 Data: Energy Information Administration



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Green Schools Program

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Operations
810 Gillespie St.
Fayetteville

Phone: 910.678.7046

We're on the Web!
gogreen.ccs.k12.nc.us

Our Mission Statement:

The Cumberland County **Green Schools Initiative** is established to provide resources for our school community to create a climate in which the 5 guiding principles of sustainability can be developed and implemented for each school. The principles that guide our community are energy and water conservation and efficiency; reduce, reuse, and recycle our waste and pollutants. We work toward becoming stewards of our natural resources through conservation as well as the applying the other principles of sustainability we have adopted when using our resources.

The last principle, to lead by education and awareness; is what we are doing to establish the habits to decrease our footprint in our community for our future generations. Our mission is to promote environmental responsibility and develop skills to become environmental literate citizens for ourselves and our students. We will promote change toward sustainability in modeling through example and informing through education. Our staff and students commit to educating for sustainability and modeling these practices as well as promoting pollution control, waste reduction, recycling, water and energy conservation and efficiency.

Our Goals:

Teach our members**, both adult and youth, to become environmentally literate participants in our community; learning to find equitable, sustainable solutions in our complex world. Invite other members of our community, who share our resources to become environmentally literate and practice sustainable living along with us.

Create discussions within our community to work toward sustainability and environmental literacy thereby increasing awareness and participation. Work within our community to find the best solutions for implementing our 5 guiding principles of sustainability and understand what it means to be environmentally literate.

**Members are those who work in and with Cumberland County Schools to include all support services, parents, county and city entities.

Energy Conservation Poster and Slogan Contest Entry Form (Continued from Page one)

Please make copies to attach to each entry

ATTACH THIS FORM TO THE BACK OF YOUR ENTRY

Energy Conservation Art Poster and Slogan Contest

Student Name: _____

Grade: _____ School: _____

Teacher's Name: _____

Principal's Name: _____

Parent's Name: _____

Student has video/picture permission signature's from parents on file (circle one) YES NO