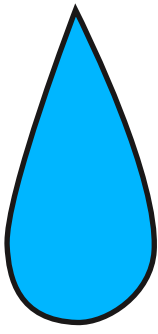


YouthCaN

Youth Communicating and Networking



Dear Educator, Group Leader or Youth.

Welcome to YouthCaN 2010!

YouthCaN is a youth run organization that uses technology to inspire, connect and educate people worldwide about environmental issues. Through a network of conferences, activities and events we unite environmentally active youth to exchange ideas about the environment and to make a difference in their own communities.

One event is the YouthCaN NYC Conference! YouthCaN NYC 2010 will take place at the American Museum of Natural History (in New York City) on Monday, April 26th. Each year the conference attracts as many as 1,200 youth and educators from around New York City, the US and the world--countries such as Lebanon, China, Australia, Russia, Senegal, Argentina and many more have participated in past YouthCaN conferences. The conference is a rare opportunity for environmentally inclined youth to meet one another and share their ideas and projects. It will be a wonderful learning experience. The American Museum of Natural History, iEARN, and Caretakers of the Environment USA sponsor this event.

Enclosed is an application for your students to present or give a workshop at YouthCaN NYC. We have also included a list of some workshops that were presented at our YouthCaN 2009 conference. Please have a look at these amazing workshops for ideas and send in your project registration form to join us!

All YouthCaN workshops are for students and by students. Workshop topics should focus on some environmental issue. In the past topics have included: recycling, habitat protection and restoration, water monitoring, renewable energy, school gardening, transportation and many more.

For more information, please visit the YouthCaN web site at:
<http://www.youthcanworld.org> or e-mail us at: youthcan@us.iearn.org

We hope that you will join us!!

Sincerely,

The YouthCaN team.

Sponsors:

American
Museum of
Natural
History

iEARN

Caretakers of
the
Environment
International
/USA

Endorsed By:

Environmental
Education
Advisory
Council

John
Burroughs
Association

New York
State Marine
Education
Association

The Tentative YouthCaN 2010 schedule:

Saturday, April 24, 2010

Activity Day.

YouthCaN NYC students will arrange a couple optional outdoor activities. In the past these have included short hikes, visits to botanical gardens, and participation in environmental events in New York City. This is a great opportunity for students to meet each other and sometimes meet participants from other countries!

Sunday, April 25, 2010

Set-up Day

A time for those who would like to set-up their display table projects or deliver their presentation materials the day before the event, or help the Museum YouthCaNers organize for the big day.

Monday, April 26, 2010

9:00 – 9:45 – **REGISTRATION** - School groups will register and there will be an opportunity to view exhibits of student and environmental organization projects

9:45 – 10:15 - **OPENING CEREMONY** - YouthCaN students will introduce the day, the theme and express their concerns about protecting the environment in the Milstein Family Hall of Ocean Life.

10:25 - 11:10 **WORKSHOP SESSION ONE**

11:20 - 12:05 **WORKSHOP SESSION TWO**

12:15 - 1:00 **WORKSHOP SESSION THREE**

Each student will register for TWO workshop sessions, and will have one 'open' session. Students may participate in a third workshop during their open session, if space permits. We encourage students to spend time during their open session in the Hall of Ocean Life to view and explore informative displays of student work and environmental organizations.

1:10 - 1:45 - **CLOSING CEREMONY** - YouthCaN will conclude the formal program of events with a special activity back in the Hall of Ocean Life.

1:45... - **The Museum is yours to explore!**

Lunch: There is no scheduled lunch break. Lunchroom space at the Museum is very limited so we are unable to provide formal eating space. Participants may bring bagged lunches to the Museum, and there is the possibility of eating outside during your open workshop session, **weather permitting**. But we think you would find your YouthCaN experience more complete if you can eat before 9:45 AM and/or after 1:45 PM.

PROJECT AND PRESENTER APPLICATION FORM

Application Deadline: January 15, 2010

This application is for those who are interested in presenting their project at YouthCaN NYC 2010. The conference will be held at the American Museum of Natural History on April 26, 2010. Submit this application by mailing or faxing it to us (see address below)

CONTACT INFORMATION

Contact Person: _____

Name of school or organization: _____

Street Address: _____

City: _____

State/Province: _____

Zip/Postal Code: _____ Country: _____

Telephone: _____

Fax: _____

E-mail Address: _____@_____

Age range of students in your group: _____ - _____ years

Number of representatives from your team: _____

PROJECT INFORMATION

Project Title:

Your Project Description:
(Please write your description below as you would like it to appear in the conference registration form. Teachers and students will be reading these descriptions when they choose which workshops they would like to attend.) Please note that each presentation should be 40 minutes long.

This project is appropriate for students ages _____ through _____ years.

PRESENTATION INFORMATION

OPTION 1: a workshop session

If you wish to present your project at YouthCaN 2010 conference in New York City, fill out this section. If you do not know all of the details at this moment fill in what you can and we will confirm the details in February.

Your youth presenters (1st through 12th grade only):

- 1) _____
- 2) _____
- 3) _____
- 4) _____

Would you present in person? _____ yes or.....

Would you like to present via videoconference from your area? _____ yes

What type of presentation would you like to give?

- _____ Hands-on workshop
- _____ Discussion group
- _____ Theater (Lecture presentation or theatrical play)
- _____ Game
- _____ Other _____

What equipment do you need?

It is best if you bring your own computer(s) since you know that your presentation will work on your system, sometimes there are difficulties when trying to play your files on other systems.

Will you be bringing your own computer(s)? _____yes _____no

Number of computers you would like us to provide:

_____Macintosh _____Windows.

Do you require a computer projection? _____yes _____no

Do you require Internet access? _____yes _____no

Do you require a DVD player? _____yes _____no

What software do you need?

Other equipment needs:

What table/chair requirements do you have for your workshop?

OPTION 2: Display Table instead of or in addition to a Workshop

If you would like to display your environmental project(s) in the exhibition area instead of or in addition to presenting a workshop at YouthCaN 2010 in New York City, fill out this section of the form too. Please describe your display:

What table and chair requirements do you have for your display?

What technology do you require for your display? _____

It is best if you bring your own computer(s) since you know that your presentation will work on your system, sometimes there are difficulties when trying to play your files on other systems.

Will you need electricity for your display? Yes ___ No ____

Please submit this application via postal mail, fax or e-mail.

Send To:
YouthCaN - Registration
Education Department
American Museum of Natural History
Central Park West at 79th Street
New York, NY 10024-5192

Fax: (212) 769-5025

E-mail: youthcan@us.learn.org

Information/Inquiries: Phone (212) 769-5039. Inquiries Only! The presenter cannot apply by phone. All applications must be submitted by postal mail, fax or e-mail.

YouthCaN NYC 2009 Workshop List

Save a Living Museum Near You!

New York Botanical Garden, New York, USA

Explainers from the New York Botanical Garden invite you to learn about the importance of preserving gardens, zoos and other living Museums.

Ages – 13-17

Four Rivers, One World Project

iEARN USA, New York, USA

How clean is your water? Students who have spent the last year monitoring and testing the water in and around the Hudson River watershed and other rivers in Nepal, India and Bangladesh share their observations and explain how environmental science and international student collaboration can make a difference for their communities and the planet.

Ages – All

Chernobyl and its effects today. How you can make a difference.

Irina Sverzhanovskaya, New York, USA

As a result of not many young adults knowing about the Chernobyl disaster, the people who live in contaminated regions don't receive the help they need. There are ways to improve the health of the people living in the contaminated regions as well as improving the environment. Learn how you can help when environmental action is needed.

Ages – 13-18

Fun Projects with Recycled Paper

High School for Environmental Studies, New York, USA

Have you ever thought of ways to reduce your paper? Then come visit the YES Club workshop. We will be making Paper Pads and flip books. Also origami and making our own home recycling bin.

Ages – all

BOB: Understanding the Biodiversity of the Bronx River

MS 45 Bronx, New York, USA

Come explore the Bronx River with us! We are an environmental club that has been granted the responsibility of maintaining a plot along the Bronx River. As participants of iEARN's Four Rivers, One World project, we will share our ongoing work in the protection of the only freshwater river in New York City including the removal of an invasive species of plant, Japanese knotweed. Experience first hand how we conduct water and soil testing.

Ages – 12-18

“A fish swims into a wall, what does it say? ... Dam!”

Christodora Inc (New Youth Conservationists) New York, USA

Come learn how dams function and how they adversely affect the environment. Using a 3D model, we will depict the negative effects that hydroelectric power has on the environment, and how to fix them

Ages – 14-18

Tip Toe Through the Tulips

Bremen Academy, Georgia, USA

What's beautiful, smells good, and loves to hug dirt? Answer: TULIPS!!! Learn how plants prevent erosion as well as beautify the landscape. Hear how a group of 5th graders are using an iEARN project to study erosion. Participants will be involved in an erosion experiment. Then the audience will play the game

EROSION EXPLOSION!!!! Ages – 7-17

YouthCaN – Mediterranean, Video Conference
YouthCaN – Lebanon w/ YouthCaN-NYC, New York, USA

Share in a live video conference filled with explorations of life, jam packed with environmental issues that face students in Lebanon! Ask them questions about their studies and share some of your experiences as well.

Ages – All

Wind and Water
School For Democracy and Leadership, New York, USA

Come and learn about two of nature's greatest strengths: wind and water. Both resources flow freely through our earth. If collected and directed, they can provide energy for powering homes, businesses, cities and countries. In a two part workshop, you will get the chance to put your hands on the experiments as well as make your own windmill.

Ages – 7-11

Alternative fuels - Our best hope to save the environment
Academy of Mount Saint Ursula, New York, USA

The search for environmentally friendly alternative fuels is no longer an option but an imperative for survival of the planet. This project presents a critical assessment and evaluation of the economic viability of some alternative fuels.

Ages – 12-18

Community CATALYST Project: Changing Attitudes by Taking Advantage of Linking Youth and Schools Together
iEARN USA, New York, USA

Students from Pakistan, the US and Uzbekistan have linked together to create animated Public Service Announcements (PSAs) on the topic of natural disaster awareness and preparedness. Participants will share what they have learned about the role of young citizens during times of crisis. CATALYST students will also premiere the animated video shorts that they have created.

Ages – All

How To Organize A Recycling Program in Your School
Council on the Env. of New York City/HSES, New York, USA

Members of the Teen Speakers Bureau on Recycling at the High School for Environmental Studies will use a powerpoint presentation discussion to demonstrate how to start recycling in their school. Each participating school will start to plan their project.

Ages –10-18

Paper Making
YouthCaN, NYC, New York, USA

Are you tired of your boring old paper? Do you want paper that makes your day exciting? Well now at our workshop you can creatively learn how to make your own colored paper such as red stars or oreo shaped paper. While you make your own paper you might get a little messy but its a really fun project for all ages to enjoy. This workshop is great for the environment because it helps to recycle used paper and make our planet more green. We hope to see you there, ready to transform old paper into new colorful paper!

Ages – All

- 1) **Nourishing Earthworms: the effect of earthworms' diet on soil quality**
 - 2) **Bottled Water vs. Tap water: What should you drink?**
 - 3) **Is the drinking water in our school safe?**
- MS 217 Q, New York, USA**

1) Why compost? Composting not only reduces the amount of waste disposal but it converts waste into a useful product. As environmental stewards we are addressing the solid waste issue head on by composting, but how can we maximize our results? Does the diet of an earthworm have an effect on soil quality? We investigated the question. Come to our workshop and find out the answer. We will also show you how to start composting in your classroom.

2)...

Ages – All

The Effect of Polystyrene on the Environment Village Academy, Ohio, USA

Join us for a presentation discussing the pros and cons of Styrofoam, our club's experience with the legislative options of banning Styrofoam in Ohio, and data from experiments comparing the effectiveness of Styrofoam to its alternatives. See for yourself how other Styrofoam alternatives match up to Styrofoam with our hands on workshop.

Ages –10-18

Global's Going Green: a closer at renewable energy Brooklyn School for Global Studies, New York, USA

Global Studies presents a closer look at renewable energy. Come and see the technology and ingenuity that exists to reduce the threat of global warming. We have solutions and recommendations for the government that will stimulate the American economy by creating jobs, saving consumers money and protecting our national security.

Ages – 11-18

YouthCaN Egypt – Video Conference YouthCaN – Egypt w/ YouthCaN-NYC iEARN Egypt

Come share in the exploration of environmental issues that face students in Egypt! Ask them questions about their studies and share some of your experiences.

Ages – All

Ethanol and Agave Jacaranda Education, Oaxaca, Mexico

This project investigates the economic, social and cultural aspects of the agave plant in southern Mexico and evaluates its potential as an alternative source of large-scale ethanol production.

Ages – 13-17

Creating a Sustainable Automobile Economy St. Peter's Preparatory School, New Jersey, USA

Students will present a multidimensional project on current corporate, government and NGO efforts to put in place an automobile and renewable, non-fossil fuel service system that sustains ecological balance and health, the creation of jobs with just wages, and economic development.

Ages – 12-17

Revolutionizing the 3 Rs Plus! The Birch Wathen Lenox School, New York, USA

The move towards a more sustainable society means that each of us will need to change many of our day to day routines and habits. This year our school has been involved in a community-wide initiative to bring a new vitality into the process of preserving an ecological balance by refocusing on the basics . REDUCE, REUSE, RECYCLE and RETHINK !

Ages – All

Solar Cookout.....Blurd...It's heat!!

The Young Women's Leadership School of Astoria, New York, USA

Around the world and here in the United States, keeping the environment clean and healthy has had a big impact on our society. This presentation is composed of four projects namely "Solar Cookout and Treat" which focuses on the use of recyclable materials to cook hotdogs and pizza. The "Blup" uses biofuels which can easily be extracted from ordinary food products. Lastly, identifying which metals conduct heat the fastest is very helpful to conserve time and energy.

Ages – 10-13

Reusable bags – BYOB Westhampton Beach MS, New York, USA

Westhampton Beach Student Council and National Junior Honor Society members have decided to make changes in the community to reduce garbage. The first project they worked on was encouraging the community to stop using paper and plastic bags. This presentation will discuss their project and members of the audience will be invited to test their knowledge as they participate in a game.

Ages – 10-15

How Does Snow Making Affect Our Environment? Windham-Ashland-Jewett School, New York, USA

Do you know how snow is made? Do you know if it affects our environment including the New York City Watershed? Is its affect beneficial or detrimental? Join the Windham-Ashland-Jewett Central School's Junior Science Club to discover these answers and see for yourself.

Ages – All

"A Tale of two Cities" Christodora. Inc. (New Youth Conservationists), New York, USA

Come see an interactive diorama in which two cities depict the good and bad of building in the environment. The two contradictory dioramas show the negative effects we have on our environment today and the positive effect we could have tomorrow.

Ages – 14-18

1) Harvesting the Drops of Life: a how to workshop 2) Recycling Greywater MS 217 (Green Magnet Sch for Career Expl), New York, USA

1) Did you know that on average 50-70% of household water is used outdoors or that the average American uses over 100 gallons of water per day (EPA, 2004) How can we improve our water use and management practices? MS 217 is taking an active part in the environmental movement by harvesting rainwater. In this workshop we will give you a thorough, yet simple design to create your own harvesting system. We will also discuss the benefits of harvesting rainwater, and the sustainability of this system.

2) Greywater is waste water, or more commonly wash water. It comprises almost 50-80% of residential waste water. Currently, the use of drinking water to irrigate is an ecological problem and greywater may be a viable solution. We tested greywater collected from our school's cafeteria and wanted to see its affect on plant growth. Come find out what our results were.

Ages – All

How our needs, lifestyles and consumption affect the environment. Tartu Nature School, Estonia

Consumption affects the lifestyle of people and that will affect the environment. An environmentally friendly lifestyle demands letting go all habits that damage the environment. Our workshop makes you think how you affect the environment with your choices.

Ages – 13-15