

# THE GREEN SCHOOLS ALLIANCE



CLEAN Network  
*Weekly Teleconference*  
December 3, 2013

# THE GREEN SCHOOLS ALLIANCE

The GSA is a global network of PreK-12 schools represented by Sustainability Coordinators: faculty, staff, and students working together to solve climate and conservation challenges.



the  
green schools Alliance

# GSA MISSION

The Green Schools Alliance connects and empowers PreK-12 schools to lead the transformation to global environmental sustainability.



# GSA HISTORY

The Green Schools Alliance was launched in 2007 on World Environment Day to address our pressing climate and conservation challenges. In response to the United Nations Intergovernmental Panel on Climate Change (IPCC) Report and the C40 Cities' challenge to reduce carbon emissions and resource consumption, a GSA Climate Commitment was drafted by founding member schools.

# WHO IS THE GSA?

Created by schools for schools, GSA is the **ONLY** worldwide network of **schools guiding schools** to address climate & conservation challenges and solutions.



# WHO IS THE GSA?

## GSA Members are schools who:

- ▶ **CONNECT** locally and globally, to share best practices and maximize scalability;
- ▶ **INTEGRATE** education and action to address 21<sup>st</sup> century climate & conservation challenges;
- ▶ **DEMONSTRATE** their schools' power as **learning labs** that engage and inspire individuals; and
- ▶ **PREPARE** the next generation to become global sustainability leaders in their community.

# THE GSA MOVEMENT

- ▶ Connects more than 3,000 schools
- ▶ Engages 2 million+ students
- ▶ Reaches 42 U.S. States, 28 countries . . .  
and is growing daily!



# GREEN SCHOOLS ALLIANCE MEMBERSHIP

A decorative graphic at the bottom of the slide consists of a bright green trapezoidal shape pointing downwards, which is partially overlapped by a yellow trapezoidal shape pointing upwards. Both shapes have a white border.

# SUSTAINABILITY COMMITMENT

Set goals, take action, monitor and share progress along GSA's Sustainability Tracks:

- ▶ Track I: Reduce Our Ecological & Climate Impact
- ▶ Track II: Educate & Engage Our Community
- ▶ Track III: Connect To Place & Nature



# MEMBER SCHOOL PROFILE PAGES

GSA Member School Profile Pages enable schools to:

- (1) Set goals, measure progress & share best practices with other schools
- (2) Learn about other schools locally, nationally and globally
- (3) Record and report accomplishments

**GSA MEMBER SCHOOLS**

Member Schools  
Featured Schools  
Chapters  
Join the GSA

How many member schools are there?  
**2682**

Search member schools by name:  
  
Search

Search for member schools by what they are doing  
Search by Toolkit Topics:  
Do not filter by Toolkit Topics  
Search

International  
Valketone Primary School Australia  
North Star Academy Laval Canada  
Escuela Internacional Sampedrana Honduras  
Green School Indonesia  
Jose Vasconcelos Mexico  
Taipei American School Taiwan

Island School, The Bahamas  
YK Pao School China  
School of Environment, Dist. Jalgaon, Maharashtra India  
Educarte Montessori Mexico  
Anglo-American School Russian Federation  
Antilles School US Virgin Islands

## 4. How We Reduce Our Footprint:

### Building Design & Performance

- New Construction Policy** (Require new buildings to be certified LEED Silver or a comparable third-party rating system.)
- Renovation Policy** (Require renovations to be certified LEED Silver or a comparable third-party rating system)
- Adaptive Reuse** (Repurpose buildings where possible as needed)
- White roofs** (Reflect sunlight and reduce air conditioning)
- Green or Cool Roof** (see "Site & Landscaping")

#### Explain:

our school building is a green building, designed by renowned architect of India. We know that will not be able to solve all the environmental challenges overnight. We have started with the easier strategies that will have the greatest impact; in other words, "think big, start small." Once we will be able to built momentum, we will think to expand our experiences to other schools.

#### Upload docs, photos, etc.:

- new scan 003.jpg
- DSC\_0733\_0.JPG
- DSC\_0723\_0.JPG
- DSC\_0719.JPG

### Energy & Climate Change: Energy Conservation & IT Policy

- Appliance Usage** (Limit use in classroom)
- IT Server Room Temperature** (Set to exceed or equal to ASHRAE Standards; Between 75 to 85 degrees Fahrenheit for temperature and 40% to 55% relative humidity)
- Smart Power Strips or Control Software** (Automatically turn off computers at night or over the weekend, and reboot in the morning)
- Temperature Settings** (set night-time/unoccupied mode to save energy)

#### Explain:

since we have day school, therefore some of the points does not applies on us.

#### Upload docs, photos, etc.:

- DSC01555.JPG
- DSC01556.JPG

# GREEN SCHOOLS ALLIANCE PROGRAMS



# GSA PROGRAMS

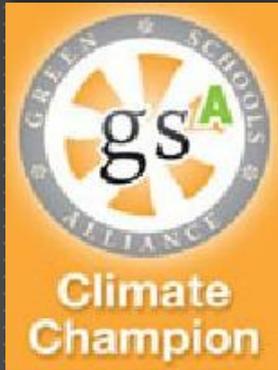
- I. The Climate Commitment
- II. Peer-to-Peer On Line Community
- III. Green Cup Challenge: Energy, Water & Recycling/Diversion
- IV. GSAX Events
- V. Student Climate & Conservation Congress (Sc3) & Sc3 Corps
- VI. Green Schools Renewable Energy Purchasing Consortium



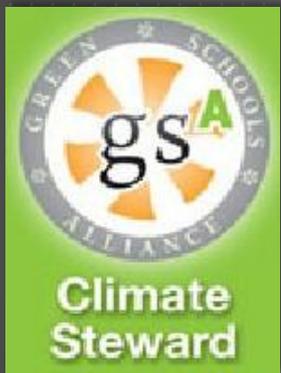
L-R: Sc3 pond study; Dr. Syliva Earle at Sc3

# THE CLIMATE COMMITMENT

A Commitment signed by the Head of School at one of the following signatory levels:



- ▶ **Climate Champion:** Reduce my school's carbon footprint by at least 30% within 5 years, and achieve Carbon Neutrality by 2020.



- ▶ **Climate Steward:** Calculate my school's carbon footprint by establishing an energy and carbon emissions baseline. Achieve carbon reductions over time.

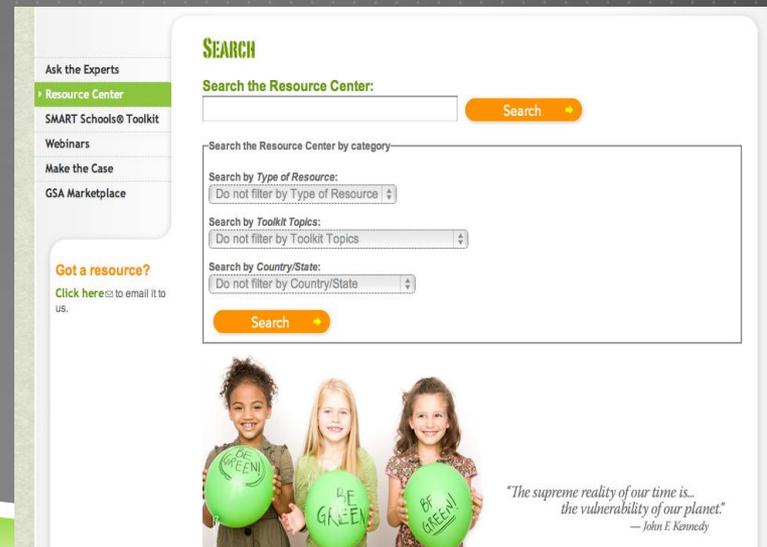
# PEER-TO-PEER ONLINE COMMUNITY

GSA's unique crowd-sourced website enables **Member Schools** and **Student Clubs** to upload and search content by topic, location, type of school, and more.

Submit school-created curriculum, local resources, calendar events, news & articles, videos & photos, documents, PPTs, and more.



Homepage



Searchable Resource Center

# RESOURCE CENTER

- ▶ Member School and Partner Curricula
- ▶ SMART Schools Toolkit ®
- ▶ Make the Case: Presentations
- ▶ Connecting: Getting the Word Out

**Search by School Name**

**Search by Toolkit Topic:**  
<Any>

**Search by Country/State:**  
<Any>

**Search by Type:**  
<Any>

**Search By Urban / Rural:**  
<Any>

**Search by Boarding / Day:**  
<Any>

**Search By Grade Range:**  
<Any>

**Search** ➔

Ask the Experts  
Resource Center  
▶ **SMART Schools® Toolkit**  
Make The Commitment  
Build Your Taskforce  
Know Your Numbers  
Reduce Your Footprint  
Educate Your Community  
Report Your Progress

Webinars  
Make the Case  
GSA Marketplace

**SMART SCHOOLS TOOLKIT** Tweet 0 Like



**The SMART Schools® Toolkit**  
(Sustainability Metrics And Resource Tools)

**How Do I Use This Toolkit?**  
Click on the following Links Below or at the Left Menu to learn how your school can:

- **Make The Commitment**
- **Build Your Taskforce**
- **Know Your Numbers**
- **Reduce Your Footprint**
- **Educate Your Community**
- **Report Your Progress**

**OUR SPONSORS**

**BMS GREEN CLEAN™**

**SIEMENS**

The SMART Schools® Toolkit draws from all parts of GSA Online to help you find the resources that you need at the local, regional or national scale and describes specific TOOLKIT ACTIONS to help you and your school meet your goals. Learn how you can save money, reduce GHG emissions and energy use, water, & waste, become healthier and more sustainable.

Each TOOLKIT ACTION is being built over time by GSA Member Schools and Corporate and NGO partners, and contain the following: DESCRIPTIONS, CASE STUDIES and RESOURCES.

The Toolkit is an on-going interactive initiative developed by schools for schools to share resources and best practices. We recognize that every school and individual has a different starting point. Together we are making a difference!

# GREEN CUP CHALLENGE

- ▶ One-month inter-school challenge
- ▶ Created by schools
- ▶ Measure & Reduce: energy, recycling & water
- ▶ Celebrates aggregated & individual success
- ▶ Everyone wins



L to R: GCC Video Challenge submissions; students reading a meter.

**2013 GCC VIDEOS**

The GSA Video Ocean is a compilation of incredible student written and produced videos on the topic of climate change in conjunction with two of GSA's premiere student-led programs: the Green Cup Challenge and Sc3 Corps and Congress. Hear what students have to say in the "60 Second Solution" about what concerns them about the environment, what they or their schools are doing to make a difference, and what is their vision for the future.

Tweet 0  
Like 0

Rye Country Day School: 1st Place	Suffield Academy: 2nd Place	Phillips Academy Andover: 3rd Place
Korea Internat'l School: 3rd Place	The Hill School: 3rd Place	Woodward Academy: 3rd Place
Nichols School: 3rd Place	Briargrove Elementary	The Williston Northampton School

1 2 3 4 next • last ->



# GREEN CUP ENERGY CHALLENGE

- ▶ NYC Energy Challenge October 2-30, 2013
- ▶ National Energy Challenge January 15-February 12, 2013
- ▶ 2012 Results: 112 schools, 5.3% avg. reduced electricity use, savings, **1.5 million kWh** of electricity conserved and **over 2.5 million pounds** of CO2 prevented



# GREEN CUP RECYCLE CHALLENGE

- ▶ November 4 -December 6, 2013
- ▶ Reduce waste and recycle right
- ▶ Over 100 schools
- ▶ Over 2/3 schools showed improvement



# STUDENT CLIMATE & CONSERVATION CONGRESS

The Sc3 Congress and Corps empower outstanding student environmental leaders with the skills, knowledge and tools necessary to address natural resource conservation challenges and better serve their schools and communities.



# GSAx EVENTS

## BUILDING A GRASSROOTS PEER-TO-PEER NETWORK

- ▶ **UNITE** local community through school-hosted events
- ▶ **BUILD** commitment through “schools guiding schools”
- ▶ **SHARE** greening experience & expertise with each other
- ▶ **CONNECT** with corporate, government & NGO resources
- ▶ **COLLABORATE** to set & meet shared and individual goals
- ▶ **ATTEND** sustainability education & resource workshops



# STUDENT CLIMATE & CONSERVATION CONGRESS

- ▶ Partnership: U.S. FWS and NCTC
- ▶ Timeline: One week each June
- ▶ Participants: More than 125 students, 25 faculty and expert speakers
- ▶ Deliverable: year long Student Sustainability Action Plans (SSAPs)
- ▶ Evaluation: University of MN study



# STUDENT CLIMATE & CONSERVATION CONGRESS

- ▶ Students complete SSAPs
- ▶ Student Fellows become part of the Corps



# GLOBAL STUDENT CLIMATE & CONSERVATION CORPS (SC3)

How Student Clubs can join:

- (1) Login to the [GSA Student Club Registry](#)
- (2) Take action along the GSA Sustainability Action Tracks
- (3) Share your club's progress with other clubs worldwide
- (4) Search and find other clubs



# THE GREEN SCHOOLS RENEWABLE ENERGY PURCHASING CONSORTIUM

- Enable schools to purchase renewable energy in a simple & efficient manner
- Ensure that schools are receiving competitively priced **Renewable Energy Certificates (RECs)**
- Provide schools with resources to educate their stakeholders & community about renewable energy
- Demonstrate leadership within the K-12 educational community
- Establish a standard that will influence and guide the use of renewable energy in schools across the country



# THE GREEN SCHOOLS RENEWABLE ENERGY PURCHASING CONSORTIUM

Through demand aggregation & administrative efficiencies, TOGETHER schools can:

- Accelerate the adoption of renewable energy by K-12 schools
- Demonstrate sustainability leadership



# THE GREEN SCHOOLS RENEWABLE ENERGY PURCHASING CONSORTIUM

- 22 schools signed a Non-Binding Statement of Intent
- Request for Proposal (RFP) Responses are due January 6, 2014.
- Webinar: January 24, 2013 at 1:00 p.m. EST
- The consortium will be continued and expanded in 2014 and beyond.

Learn More:

[jacob.sneeden@erg.com](mailto:jacob.sneeden@erg.com)





The students of the 2013 Sc3 Congress at NCTC

"Linking with GSA has added valuable leverage to our Green effort. We've gained momentum thanks to the resources and expertise within the GSA Network, and **the power of joining this movement now holds us to our commitment.**"

Tod Cossairt  
Sc3 Faculty and Sustainability Coordinator, Besant Hill School, Ojai CA  
GSA U.S. S CA Regional Coordinator

# GSA PARTNERS

- ▶ **National Conservation Training Center (NCTC)**
- ▶ **U. S. Fish and Wildlife Service**
- ▶ **Dr. R. K. Pachauri and The Energy Resources Institute**
- ▶ **Zayed Future Energy Prize**
- ▶ **U. S. EPA Green Power Partnership and ENERGY STAR**
- ▶ **Other strategic NGO and corporate partnerships**

# GET INVOLVED WITH THE GSA!

[crosato@greenschoolsalliance.org](mailto:crosato@greenschoolsalliance.org)

[www.greenschoolsalliance.org](http://www.greenschoolsalliance.org)

<http://greencupchallenge.net>

FB Green Schools Alliance

Twitter @greenschoolsall

