



## Green Schools Challenge and WE-LAB



### *2014-2015 Success Stories*



*Students Create the Future of our World*

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## SUSTAINABLE BEHAVIORS

**Dream in Green** (DIG) believes students and their schools play a critical role in creating a more sustainable society. Our programs address the challenges associated with climate change and sea-level rise; and raise awareness about global warming, energy use, and the consumption of fresh water resources.

Thousands of students, school faculty and staff, and parents who participate in either the Green Schools Challenge (GSC) or the Water and Energy Learning and Behavior (WE-LAB) program for schools are spreading the sustainability message in their communities.

Students are helping their families change behaviors at homes and are replacing showerheads and light bulbs for more efficient ones in order to reduce water and electricity bills. GSC teachers are planning next year's program and recruiting more members for their Green Team to ensure their schools conserve more energy, cut costs, and further reduce the district's carbon emissions. And WE-LABers are speaking with their neighbors about the relationship between water and energy and the importance of recycling.

As more schools throughout the County implement the GSC and WE-LAB programs, groups of students, teachers, school staff and parents are empowered to develop sustainable practices that combat climate change.

## HISTORY OF DREAM IN GREEN

**Dream in Green** (DIG) is a Miami-based 501c3 whose mission is to develop and implement environmental education programs that promote energy and water conservation, environmental sustainability, and the use of renewable energy in the public and private sectors.

In 2006, the Miami-Dade County Public School (MDCPS) Board approved the Green Schools Challenge as a pilot program and it was implemented in three high schools. The following school year, DIG entered into a formal partnership with MDCPS and aligned the GSC curriculum with the district's Eco-Sustainability Plan. The GSC has seen constant growth since then reaching an all-time high of 165 schools during the 2012-2013 school year. To date, 280 unique schools have undertaken the challenge.

In 2013 DIG received a two year grant from the United States Environmental Protection Agency (EPA) to design and implement the Water and Energy Learning and Behavior program, better known as WE-LAB. WE-LAB is the 'graduate' program for schools that have participated in the GSC for more than three years.

The GSC now leads a sustainability curriculum in South Florida with an established nine year history of environmental education. There is no other program in the State of Florida that proposes a whole-system approach to energy, water and resource efficiency at schools.

*“We would like to thank and congratulate the committed teams of teachers, facilities staff, administrators and students that participated in the 2014-15 Green Schools Challenge!”*

### THANK YOU TO OUR DREAM IN GREEN ANNUAL SPONSORS



## **GRANTS FOR GREEN LEADERSHIP: STUDENTS IMPLEMENT CHANGE**

Dream in Green's 'Grants for Green Leadership' program provides mini-grants to support the creation of GSC or WE-LAB activities at schools. The program allows students to take projects from concept to completion and become involved in the grant writing process. In addition, 'Grants for Green Leadership' empowers 5th through 12th grade students by allowing them to be leaders of green initiatives in their schools.

This year, DIG awarded eight grants of \$300 each.



### 2014-2015 Program Grantees

School	Teacher Champion	Monthly Challenge	Project(s)
Norman S. Edelcup/ Sunny Isles Beach K-8	Ms. Christine Todd-Gibson	Energy Efficiency & Conservation	Popsicle Activity Books: Why Conserve Energy and Water
Nautilus Middle	Dr. Gwen Foote	Waste Reduction & Recycling	Building Watersheds Aquifers: Our Future Source of Water
Palmer Trinity School	Dr. Leopold Llinas	Alternative Transportation	Bicycle Renting Program
Miami Central Senior High	Ms. Jennifer Amores	Alternative Transportation	Alternative Transportation Social Media Campaign
Coconut Palm K-8 Academy	Ms. Atisha Jackson	Eco-Summit	Build Solar Oven and Set Up a Vermiculture
E.W.F. Stirrup Elementary	Ms. Gail Jenkins	Eco-Summit	Beautify School Grounds During Eco-Summit
Henry S. West Lab School	Ms. Jennifer Roque	Eco-Summit	Eco-Summit
Palmetto Middle	Ms. Terri Ortiz	Eco-Summit	Eco-Summit

### OTHER CREATIVE ACTIVITIES IN 2014-2015

- ✓ 'Choose Tap Water' Campaign
- ✓ Food Truck Night
- ✓ Trash-to-Treasure Projects
- ✓ Hike It! Bike It! Like It! Campaign
- ✓ Green Eco-Lunches
- ✓ Recycling Drives
- ✓ Green Field Trips
- ✓ Power House Experiments
- ✓ Debris Free Island
- ✓ Green School Bathroom Models

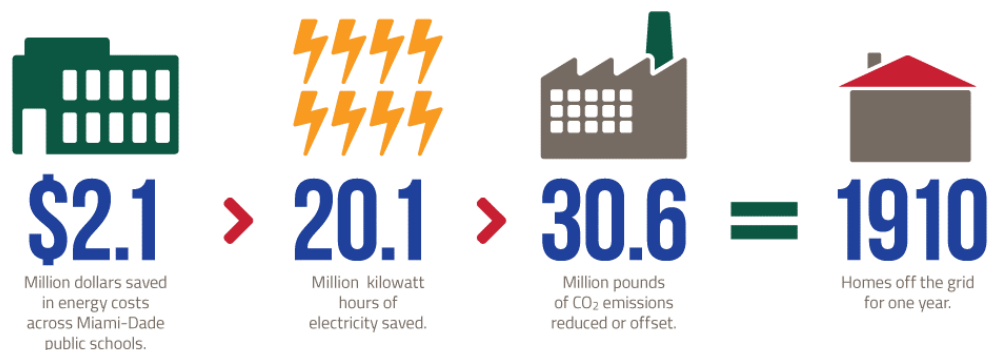
## SUMMARY OF RESULTS

The 2014-2015 school year marked the ninth consecutive year of the GSC, and the second year for the WE-LAB program and Grants for Green Leadership initiative. One hundred fifteen K-12 schools in Miami-Dade County participated in the GSC program. Twenty five of those schools were chosen to implement WE-LAB.

The GSC began in September with the Professional Development Training in which more than 80 teachers from first and second-year GSC schools learned how to implement the program. This successful training resulted in a dramatic increase in student participation. Green Teams were formed at each school and more than 12,600 students were actively involved in program implementation. Teachers came together again at the Mid-Year Meeting in January 2015 to share best practices and success stories. The year concluded with the Awards Ceremony on June 3, 2015, celebrating the collective efforts of teachers, students and the school community.

## IMPACT

The 2014-2015 GSC and WE-LAB programs reached 97,150 students, and over 9,000 teachers, administrators, and facilities personnel. Over the course of the program's nine years students have saved approximately \$2.1 million in energy costs while conserving 20.1 million kilowatt hours of electricity through simple, low and no-cost solutions like turning off lights and unplugging electronics. The program also reduced 30.6 million pounds of carbon emissions equivalent (or CO<sub>2</sub>e) – which is the same as taking 1,910 homes off the electricity grid for an entire year.



## GREEN SCHOOLS CHALLENGE



The Green Schools Challenge is a long-term, whole-system approach program that encourages students and staff from K-12 schools to implement environmental solutions through hands-on, low to no cost activities.

They engage in a series of monthly challenges and learn about energy efficiency, water conservation, waste reduction and recycling, alternative transportation, green careers and green buildings.

The program helps schools reduce energy and water costs as well as their carbon footprint, while practicing environmental sustainability. The lessons learned by students are shared at home, therefore expanding the program's reach.





## 2014-2015 GREEN SCHOOLS CHALLENGE WINNER

# JOHN I. SMITH K-8 CENTER - MIDDLE LEARNING CENTER

📌 *Score: 70 Points | Member since 2012*

### 🌿 HIGHLIGHTS

Over the course of three years, John I. Smith K-8 Center – Middle Learning Center has demonstrated time and time again their commitment to the Green Schools Challenge. The Falcons soared high this year! All their hard work and enthusiasm paid off as we name them the winners of the 2014 – 2015 GSC! Students, teachers and staff contributed to this accomplishment by completing the energy/water walk-through survey, sharing information via newsletters, posters and presentations, and displaying art pieces made from recycled materials.

### 🌿 ACTIONS

1. Teachers set the example by turning lights off before exiting a room
2. The Green Team, faculty members and students participated in a weekly recycling program
3. The Green Team used recycled items to put together an art display
4. Students created a Power Point presentation to encourage others to save energy, conserve water, reduce waste and recycle
5. One of their students created a board display about garbage decomposition



### 🌿 SCHOOL INVOLVEMENT

The Falcons Green Team rolled out a series of initiatives that created waves across the entire school. During the daily morning announcements, students took turns to promote the program to fellow classmates. They took the challenge up a notch and kicked off each month by sending an email to teachers with information and links to video clips related to the different activities so they could share with their students.

### 🌿 COMMUNITY INVOLVEMENT

In the school's Family and Consumer Sciences classes, students were encouraged to apply the monthly challenges at home and in their communities. One water conservation method promoted washing produce at home in a container partially filled with water instead of using running tap water.

# 2014-2015 GREEN SCHOOLS CHALLENGE 2ND PLACE

## JOHN F. KENNEDY MIDDLE

🚩 Score: 69 Points | Member since 2014

### 🌿 HIGHLIGHTS

The JFK Falcons Green Team went beyond expectation while implementing the Green Schools Challenge. Students were excited to participate in activities that made them school ambassadors on environmental issues. The Green Careers Challenge was very popular, encouraging students to research careers many of them were unaware of and learning about the educational requirements. Students wrote public service announcements, presented information on various topics and created posters to display around the school on ways that each student and their families can conserve water, reduce energy use and recycle.

### 🌿 ACTIONS

1. Announcements were made every morning detailing student-specific ways to save energy
2. Daily trash pick-ups around the school field and lunch area
3. Implemented a classroom recycling program
4. Created a "Choose Tap Water" campaign
5. Collaborated with the Miami-Dade Water and Sewer Department to develop a campaign to fix leaky faucets



### 🌿 SCHOOL INVOLVEMENT

To implement and promote their new recycling program, students designed recycling boxes for the teachers to use. Students planted trees around the school through the Agriculture Program in order to beautify school grounds and develop a stronger connection with nature. The Green Team and facilities staff also worked together to turn off air-conditioning units and lights, and reminded teachers to turn them off at the end of the day.

### 🌿 COMMUNITY INVOLVEMENT

The JFK Green Team invited the Miami Dade Water and Sewer Department (WASD) to speak to the students about the importance of water conservation. Students were inspired to implement the "Leaky Faucet" and "Choose Tap Water" campaigns. As part of their "Choose Tap Water" campaign, the JFK Green Team members created posters to display around school and made morning announcements that provided information about why tap water is just as good as bottled water. Students also showed videos at the school-wide level with information about the carbon footprint that results from drinking bottled water. Leaky faucet info poster cards provided by WASD were distributed by the Green Team to all students to take home.

# 2014-2015 GREEN SCHOOLS CHALLENGE

## 3RD PLACE

# DANTE B. FASCELL ELEMENTARY

🚩 *Score: 68.5 Points | Member since 2011*

## 🌿 HIGHLIGHTS

The Green Team, faculty, facility staff and students at Dante B. Fascell Elementary succeeded in transforming their school into a green school. Throughout the year, teachers across all grade levels and subject areas educated and inspired students to be 'green' by developing activities designed to raise awareness about the state of the world.

## 🌿 ACTIONS

1. Travelled to the Everglades with President Obama
2. Held a parade of masks that were made out of recyclable materials
3. Hosted a Food Truck Night to showcase student-built models of alternative transportation using recyclable materials
4. Daily morning announcements that included green messages about the monthly challenge themes
5. Participated in Baynanza Clean Up Day at Virginia Key



## 🌿 SCHOOL INVOLVEMENT

The school's Green Team developed a "Lights Off!" campaign to remind students to be responsible for turning off the lights. Light "fairies" checked classrooms to make sure lights were off when not needed. The class that had the most lights off received bracelets with a "Save Our World" message. To promote the importance of replenishing natural resources and healthy eating, the school made gardens to gain hands-on experience with nature. The third and fourth grade gifted students created a Native American Three Sisters Garden and Tepee Village using the plants Native Americans farmed.

## 🌿 COMMUNITY INVOLVEMENT

The school partnered with many local businesses to spread their green message: "although one person will make a difference, many can change the world." Students, parents and teachers participated in McDonald's Teachers Night where students passed out hand-made pictures and message cards to promote energy and water conservation. Students collaborated with Publix for their "Think Globally, Act Locally" campaign by decorating grocery bags with green pictures and messages for customers to see.



# 2014-2015 GREEN SCHOOLS CHALLENGE FINALISTS

## HIALEAH GARDENS HIGH SCHOOL

🚩 *Score: 68 Points | Member since 2014*

### 🌿 HIGHLIGHTS

Throughout the school year, the Green Team at Hialeah Gardens High educated the student body about the importance of preserving the environment and about the harmful effects of global warming and pollution. The Environmental Club collaborated with other clubs within the school to spread awareness and develop environmentally friendly projects all year long. The school even added a class titled 'Environmental Management' to their course offerings.

### 🌿 ACTIONS

1. Implemented an ink cartridge recycling drive
2. Recycling awareness presentation with YES Program
3. Water conservation presentation with YES Program
4. Held a park recycling and clean-up event
5. Led a school wide eco-tour to inform students of the school's efforts to conserve energy



## PINECREST ELEMENTARY

🚩 *Score: 68 Points | Member since 2014*

### 🌿 HIGHLIGHTS

Pinecrest Elementary started off their Green Schools Challenge with a bang! During their first year in the program, the Green Team developed many green initiatives. Some of their activities included creating a recycling program, using rainwater catchment barrels to water their gardens, collecting leftover food from the cafeteria to add to their two composting bins, and recycling an average of 4,046 pounds of electronics. They also partnered with many local and national organizations in order to increase education and awareness amongst their students and community.

### 🌿 ACTIONS

1. Placed lime green reminders throughout school so students and staff turned off lights and conserved water
2. Promoted Green Eco Lunches and calculated the amount of waste saved from landfills by bringing reusable containers and utensils for lunch
3. Repainted five building roofs to meet "cool roof" standards and conserve energy
4. Implemented 'Trash-to-Treasure' projects where students had to use recyclable and repurposed materials to make their class projects
5. Partnered with the Surfrider Foundation to raise awareness about the importance of banning plastic bags



# 2014-2015 GREEN SCHOOLS CHALLENGE FINALISTS

## OJUS ELEMENTARY

🚩 *Score: 65 Points | Member since 2012*

### 🌿 HIGHLIGHTS

The Florida Future Educators Green Team at Ojus Elementary dedicated a lot of time and effort to being green and spreading environmental awareness throughout their school. Their daily news cast was instrumental in educating the student body, teachers and staff. Students dressed up and wrote reports about different environmental careers to promote excitement and interest in the professions. The Green Team hosted a recyclable goods fashion show during the school's annual talent show to promote recycling and eco-friendly purchases.

### 🌿 ACTIONS

1. Weekly announcements detailed green messages related to each month's challenge theme
2. Participated in "America Recycles Day" where students followed a green brick road carrying recyclables in exchange for cash and sang an environmentally conscious song at lunch
3. Students created posters with water and energy saving tips to place by water fountains and light switches



## KEY BISCAIYNE PRESBYTERIAN CHURCH SCHOOL

🚩 *Score: 65 Points | Member since 2014*

### 🌿 HIGHLIGHTS

The PTA Growing Green Committee at Key Biscayne Presbyterian Church School worked hard to grab the attention of their young pre-kindergarten students. Many of their lessons incorporated information about the safety of sea turtles in order to make the different environmental issues more meaningful to the students. The PTA Growing Green Committee, resident Environmental Artist, and Outdoor Education Coordinator worked to encourage children and families to decrease their use of water and plastic materials, especially shopping bags.

### 🌿 ACTIONS

1. Hosted a showerhead exchange and year-long electronic recycling drive
2. Minimized the use of plastic utensils by hiring extra kitchen personnel to make it possible to use reusable items
3. Encouraged students to bring a refillable water bottle to school
4. Began a long-term effort to replace all windows with a more energy conserving design
5. Organized a "Hike it, Bike it, Like it" campaign to promote the use of alternative transportation methods to school



# 2014-2015 GREEN SCHOOLS CHALLENGE FINALISTS

## COCONUT PALM K-8 ACADEMY

📌 *Score: 61.5 Points | Member since 2012*

### 🌿 HIGHLIGHTS

The Green Team at Coconut Palm K-8 Academy was dedicated to learning about environmental stewardship this past year. Students participated in many projects where they researched the different aspects of "being green." The Green Team created a song and dance about energy efficiency and conservation to show the school-wide population. The students also performed research comparing modes of transit in Miami versus other U.S. cities to show their classmates.

### 🌿 ACTIONS

1. Students completed research on different methods for conserving water and presented their findings through a public service announcement
2. Recycled glass bottles were collected and used in an experiment designed for students to learn about the differences in pitch and the way sound is absorbed
3. Students in the Gifted Resource class created a model of their school bathroom retrofitted with green sinks and toilets



## AVENTURA WATERWAYS K-8 CENTER

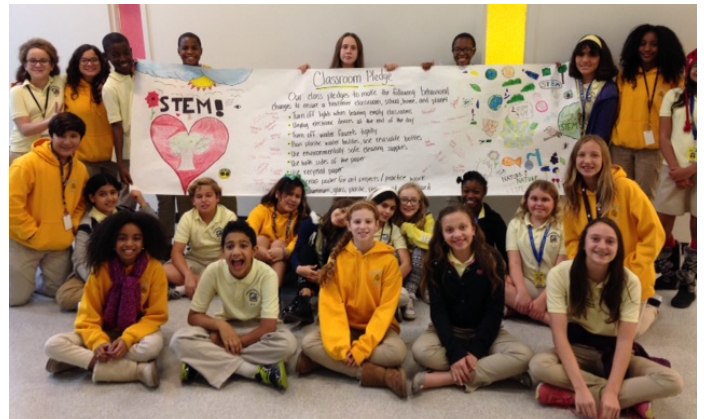
📌 *Score: 55 Points | Member since 2014*

### 🌿 HIGHLIGHTS

Aventura Waterways K-8 Center did a great job of spreading green education and awareness throughout the school and across subject areas. Their science club used Power House experiment kit to learn about alternative forms of energy, and how they can help preserve our supplies of natural resources. As part of their PTS Gives Back Day, high school students and parents collected 400 pounds of plastic and styrofoam at their Biscayne Bay Island trash clean up event. The students not only picked up trash, but examined it to determine how the trash may have gotten there and what animals it may have affected.

### 🌿 ACTIONS

1. Using the Power House, students conducted experiments on light absorption, sunlight as climate control, solar energy as water heaters, and even built wind turbines.
2. Partnered with Debris Free Oceans and Beach Paddle Co. to organize a trash clean up on an island in Biscayne Bay where they learned about the global issue of plastic waste and marine debris
3. Chemistry students created video entries to be presented to the class about the importance of conserving water





## NAUTILUS MIDDLE

🚩 *Score: 73 Points | Member since 2011*

### 🌿 HIGHLIGHTS

Nautilus Middle School students went above and beyond by designing and planting a watershed terraced Nautilus Butterfly & Raised Bed Garden that served as an onsite, interactive lab. Their reputation as a 'green' school preceded them as they participated in competitions such as the Environmental & Engineering School Science Fair, the 2015 STEM EXPO and other regional and online competitions including e-Cybermission. They took WE-LAB even further by integrating the curriculum into other environmental competitions such as Future City Challenge and Fairchild Challenges.

### 🌿 ACTIONS

1. Designing and cultivating a school garden for promoting symbiotic relationships of plants and butterflies for pollination and education in sustainable gardening
2. Regular monitoring of energy saving and implementation of a recycling program for teachers and administration using a grant to purchase bins
3. Creation of videos for WE-LAB projects to showcase student work in conservation and recycling
4. Participated in a series of STEM competitions for education and engineering
5. Attended seminars to promote engineering and design with alternative energy



### 🌿 SCHOOL INVOLVEMENT

Students hosted a variety of school and community events such as a WE-LAB workshop to showcase and promote the impacts of the water/energy nexus demonstrating how to mitigate impact at school and home. Science teachers integrated the WE-LAB curriculum with a focus on energy issues and concerns on a global perspective, while collaborating with teachers of other disciplines. The Science STEM Club mentored students and faculty in practicing energy saving and recycling habits in school.

### 🌿 COMMUNITY INVOLVEMENT

Students from different clubs worked with the communities to promote sustainability. The Science STEM Club worked with parents to promote the Butterfly Memorial Garden; the National Junior Honor Society participated in beach clean-up activities; and Humanities sponsored conservation community service programs. Parents and teachers also promoted sustainable behaviors by working with students on science projects and promoting their results in monthly newsletters.



## SOUTHWOOD MIDDLE

📌 *Score: 73Points | Member since 2009*

### 🌿 HIGHLIGHTS

Southwood Middle formed a new Green Team this year that hit a homerun and knocked it out of the park. Due to the collaborative efforts of students and parents, with the assistance of the Science Department and National Junior Honor Society, much was accomplished. Also, they received a donation and were able to re-mulch their outdoor classroom and plant a garden used by their Photography Magnet.

### 🌿 ACTIONS

1. The Green Team, made up of more than 50 students, completed a school-wide clean-up including trimming grass close to drains for ease of rainwater flow
2. Installed recycling reminder signs and collected recyclable printer toners and ink cartridges every Thursday which were then collected by Dade Recycling
3. Students promoted water conservation by displaying water saving posters around the school, and learned about water pollution by building a watershed
4. Hosted a WE-LAB workshop for students, teachers and parents
5. Hosted a "Take a Book/Leave a Book" event to recycle novels for the whole student body, teachers and staff



### 🌿 SCHOOL INVOLVEMENT

Taking the Green Pledge set the tone for the school community. This led to many activities including a three day clean-up of school grounds which included tree planting. The recycling campaign had a huge impact. Students collected more material during this school year than in the past five years.

### 🌿 COMMUNITY INVOLVEMENT

Southwood Middle collected ink toners, ink cartridges, and used cell phones from the community for recycling, and a local company designed their Green Team shirts worn on recycling days. Other local business supported the school's green efforts by providing free mulch. A horticulturalist from Pinecrest Gardens spoke to the students about his career, toured the school and talked about drainage issues and invasive plants.

## AIRBASE K-8 CENTER

🚩 *Score: 71 Points | Member since 2011*

### 🌿 HIGHLIGHTS

Airbase K-8 served as a model WE-LAB school, by being named Deering Estate's "Educational Partner of the Year" and participating in events across Miami-Dade including the Recycling Energy Forum: Expo & Education and City of Homestead's Eco-Fair. They were interviewed by Miami-Dade College to learn about the greening of their curriculum and their Green Education Fair was featured in the environmental reference book *Marketing the Green School: Form, Function and the Future*.



### 🌿 SCHOOL INVOLVEMENT

The entire school got in on the sustainability action through numerous events and activities including the school's Green Education Fair, Earth Hour and Earth Month activities, Greening Career Day, Green Apple Day of Service, and Beautification Days. Students created posters, public service announcements and videos with environmental messages in order to promote these activities and sustainable behaviors such as recycling and water/energy conservation. Parents and teachers also got in on the action. They helped the students plant an organic garden and by participating in career day by bringing their own biofuel and electric vehicles, and discussing green careers.

### 🌿 ACTIONS

1. Green kick-off assembly featuring environmental initiatives
2. Set school-wide goals for school family (administration, faculty, parents, students, staff) which were displayed on the Promise Tree as an ongoing commitment to the environment
3. Implemented the Green Ranger Program to promote daily green habits focused on energy efficiency, water conservation, recycling, and waste reduction
4. Hosted various environmental programs and activities throughout the year focused on topics such as sustainability and organics, and a native ecosystem restoration
5. Promoted the 'shared responsibility' concept for global green issues



### 🌿 COMMUNITY INVOLVEMENT

The school participated in many community events this year. They were the only school represented at the first annual Recycling Energy Forum: Expo & Education, and attending the City of Homestead's Eco-Fair where students discussed the school's environmental initiatives and learned from other green organizations. Parents, teachers and students also volunteered at numerous events such as Baynanza, and attended workshops like WE-LAB and Slow Food Miami. The school was also involved with institutions of higher learning, including a collaboration with F.I.U. and UF on butterfly/ecosystem restoration expansion projects.

## 2014-2015 WE-LAB FINALISTS

### E.W.F. STIRRUP ELEMENTARY

Score: 69 Points | Member since 2011

#### HIGHLIGHTS

This year the Soaring Eagles conducted many WE-LAB activities. The Green Team was asked by Perry Ellis Corporation to create posters for their Earth Day event. Ms. Mendez, the school's Community Involvement Liaison held a workshop for parents titled "Green and Gardening in our Environment," and coordinated a free WE-LAB workshop. The fourth grade class held a Florida lighthouses contest that required students to create lighthouses out of recycled materials. Lastly, on April 24th, the school hosted a tree planting ceremony on National Arbor Day. Pre-K and kindergarten students sported Dream in Green T-shirts and sang a song, and fourth grade students explained the meaning of Arbor Day, recited a poem, shared fun facts, and planted a tree.

#### ACTIONS

1. Turn off lights when leaving the classroom
2. Do not let the water run while rubbing hands with soap
3. Turn water off when brushing your teeth
4. Take showers instead of baths
5. Use the back of notebook paper when completing assignments



### EUGENIA B. THOMAS K-8 CENTER

Score: 68 Points | Member since 2009

#### HIGHLIGHTS

The Green Team committed to a series of different activities demonstrating they are determined to help the planet by being better green citizens. Kindergarten students and teachers planted a vegetable and herb garden as well as a Pine Rockland garden which will be monitored for the next 3 years. A number of green career professionals visited kindergarten and second grade classes. Fourth graders participated in the Coral Gables Museum Green Cities Tour and created their own sustainable city. Students created posters to promote water and energy conservation which were shared in the classrooms and then with parents.

#### ACTIONS

1. Posted signs in every classroom and office stating "Think Green! Turn off the lights when you leave the room!"
2. Every classroom has a recycling bin and reminders are shared during the morning announcements and in the faculty and staff weekly bulletin
3. Custodians ensure all electronics are turned off at their assigned classrooms during recess and the weekends
4. Many school messages are sent via Connect Ed or on the website for parents and students to view instead of printed flyers
5. Any water leaks and plumbing problems are reported to one of the Assistant Principals so they can submit work orders and follow up consistently





## 2014-2015 WE-LAB FINALISTS

### PALMETTO MIDDLE

🚩 *Score: 67 Points | Member since 2011*

#### 🌿 HIGHLIGHTS

The Green Team took the Green Schools Challenge to another country! Students travelled to Costa Rica and engaged in a variety of unique experiences. They planted almond trees in the rainforest, helped care for endangered animals, and explored ecofriendly careers. Back in school, students successfully coordinated a huge Earth Day celebration which included back-to-back WE-LAB Workshops and other activities, earning them the Eco Summit Monthly Challenge Award. Furthermore, they received two proclamations and had a ribbon cutting ceremony for their new FPL photovoltaic outdoor classroom.

#### 🌿 ACTIONS

1. Sold reusable water bottles to raise funds for Dream in Green
2. Created a recycled book trading post
3. They hosted two WE-LAB workshops
4. Planted a new pine land area and gave out 100 baby pine trees to be planted in the community
5. Promoted the "Just Turn It Off" light program



### MARJORY STONEMAN DOUGLAS

### ELEMENTARY

🚩 *Score: 63 Points | Member since 2012*

#### 🌿 HIGHLIGHTS

Once again, Marjory Stoneman Douglas took the top prize in the Waste Reduction & Recycling monthly challenge for their recycled art and fashion show where all students displayed repurposed material in the form of art and clothes for parents and teachers to enjoy. During career week and while planting trees and a garden for Earth Day, students got to learn first-hand about different green jobs like farming, nurseries and pest control.

#### 🌿 ACTIONS

1. Participated in the TREX Plastic Bag Recycling Program
2. 2nd to 5th grade students participated in a water conservation project where they tracked their water bill with their parents and implemented water savings ideas at home
3. Held the annual Recycled Art and Fashion Show in which the entire school participated
4. Students learned about green buildings through an energy and water audit performed at the school
5. 2nd grade students visited Shark Valley and learned about the importance of the Everglades to our eco-system







## **GREEN SCHOOLS CHALLENGE - BEST INDEPENDENT SCHOOLS**

Palmer Trinity School

Miami Country Day - Lower School

# GREEN RISING STARS

### **Green Schools Challenge**

Sunset Park Elementary School  
Springview Elementary  
Cutler Ridge Elementary/Assurant Satellite Learning Center  
Miami Central Senior High School  
Silver Bluff Elementary School  
Hammocks Middle  
Pinecrest Academy South Charter School

### **WE-LAB**

Hialeah Gardens Middle School  
Dr. Edward L. Whigham Elementary  
Ethel Koger Beckham Elementary  
M.A.S.T. Academy at Homestead  
Norman S. Edelpcup/Sunny Isles Beach K-8  
Palm Springs Middle School  
Robert Morgan Educational Center

# MONTHLY CHALLENGE WINNERS

### **Energy Efficiency & Conservation**

Dante B. Fascell Elementary  
George Washington Carver Middle  
Palm Springs Middle (WE-LAB)

### **Waste Reduction & Recycling**

Miami Country Day – Lower School  
Pinecrest Academy South Charter School  
Marjory Stoneman Douglas Elementary (WE-LAB)

### **Water Conservation**

Ojus Elementary  
Alonzo and Tracy Mourning Senior High  
E.W.F. Stirrup Elementary (WE-LAB)

### **Alternative Transportation**

Key Biscayne Presbyterian Church School  
Homestead Senior High School  
Airbase K-8 Center (WE-LAB)

### **Green Buildings**

Mother of our Redeemer Catholic School  
Coconut Palm K-8 Academy  
Eugenia B. Thomas K-8 Center (WE-LAB)

### **Waste Reduction & Recycling**

Miami Country Day – Lower School  
Pinecrest Academy South Charter School  
Marjory Stoneman Douglas Elementary (WE-LAB)

# GREEN GAME CHANGERS - STUDENT LEADERS

### **Student**

Kimberly Overton  
Sydney Gayarre  
Gisela Sidell  
Isabel Perlman  
Melany Torres  
Sheba Maps

### **School**

American Senior High  
Hialeah Gardens High  
John I. Smith K-8 Middle Learning Center  
Nautilus Middle  
Ojus Elementary  
M.A.S.T. at Homestead

# GREEN KEY AWARD - FACILITY STAFF

## Employee

Raul Calzadilla, Jr.  
Fabian Reina  
Foch Mompremier

## School

Airbase K-8 Center  
John I. Smith K-8 Middle Learning Center  
Nautilus Middle

# INNOVATION IN EDUCATION AWARD

## Teacher

Leopoldo Llinas  
Carmen Marroquin  
Carol Shill  
Nuris I. Binett  
Ketty Quindemil

## School

Palmer Trinity School  
Hialeah Gardens High School  
Southwood Middle  
John I. Smith K-8 Middle Learning Center  
Marjory Stoneman Douglas Elementary

# ECO-SUMMIT AWARD

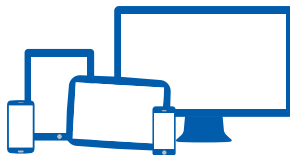
## School

Palmetto Middle (WE-LAB)  
Pinecrest Elementary  
Hialeah Gardens High School  
Palmer Trinity School



## OUR MISSION

1. To develop and implement environmental education programs that promote energy + water conservation and efficiency, environmental sustainability and the use of renewable energy in the public and private sectors; and
2. To raise awareness and deepen understanding of the energy, climate change and environmental issues confronting local and global communities.



[dreaminggreen.org](http://dreaminggreen.org)  

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