



# REACHING FOR SUSTAINABILITY



*Success Stories*

## 2013-2014



*Students Create the Future of our World*

# SUCCESS STORIES

## Green Schools Challenge

## Water + Energy Learning + Behavior

&

## Grants for Green Leadership Implementation in 2013-2014



### SUSTAINABLE BEHAVIORS IN 2013-2014

*Dream in Green* (DIG) believes that 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 throughout their respective communities.

Students are helping their families change behaviors at homes and are trading light bulbs and showerheads for more efficient ones in order to reduce water and electric bills. GSC teachers are planning next year's program and recruiting more members for their Green Team to ensure their school conserves more energy, cut costs, and further reduces the districts 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 to combat climate change.

### OUR HISTORY

*Dream in Green* (DIG) is a Miami-based 501c3 whose mission is to develop and implement environmental education programs that promote energy/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, with three high schools – MAST Academy, Miami Palmetto Senior High, and Ransom Everglades – to participate in the inaugural year. 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 rapid growth since then reaching an all-time high of 165 schools during the 2012-2013 school year. To date, 235 unique schools have undertaken the Challenge.

In 2013-2014 DIG received a two year grant from the United States Environmental Protection Agency (EPA) to implement the Water Energy Learning and Behavior program or WE-LAB as it is known. WE-LAB is the 'graduate' program for schools that have participated in the GSC for more than three years.

The GSC is now a leading sustainability curriculum in South Florida with an established eight 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.

## SUMMARY OF RESULTS

The 2013-2014 school year marked the eighth consecutive year of the GSC and the inaugural year of WE-LAB and Grants for Green Leadership. One hundred twenty K-12 schools in Miami-Dade County participated in the GSC program. Nineteen of those schools were chosen to implement WE-LAB. Through the Grants for Green Leadership Program, DIG was able to award 10 grants of \$500 each to participating green schools to assist them in implementing various green initiatives.

The program year began in September with the Fall Training where 100 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 with Green Teams having more than 6,000 students actively involved in the implementation of the GSC and WE-LAB. Teachers came together again at the Mid-Year Meeting in January 2014 to share best practices and success stories. The year concluded with an End-of-Year Awards Ceremony on May 22, 2014, celebrating the collective efforts of teachers, students and the school community.

## IMPACT

The 2013-2014 GSC and WE-LAB for schools reached 140,000 students, 1,000 teachers and administrators, and 50 facilities personnel. During the program's first eight years students saved approximately \$1.84 million in energy costs while conserving 16.9 million kilowatt hours of electricity through simple low and no-cost solutions like turning off lights and unplugging electronics. The program also reduced 25.7 million pounds of carbon emissions equivalent (or CO<sub>2</sub>e) – which is the same as taking 1,605 homes off the electricity grid for an entire year



16.9

Million kilowatt  
hours of  
electricity saved.



25.7

Million pounds  
of CO<sub>2</sub> emissions  
reduced or offset.



1.84

Million dollars saved  
in energy costs across  
Miami-Dade public schools.



1600

Homes off the grid  
for one year.

### CREATIVE ACTIVITIES IN 2013-2014

- ✓ Monthly Earth Hour
- ✓ Solar Pizza Boxes
- ✓ Green Citations
- ✓ Bike and Walk to School Days
- ✓ Energy Conservation Flash mobs
- ✓ Recycling Fashion show
- ✓ Waste Reduction Scavenger Hunt
- ✓ Renewable Energy Riddles
- ✓ Biking and Walking to School Initiatives
- ✓ Model Green Homes
- ✓ Powerstrip Drives
- ✓ No-Idling Campaigns
- ✓ Masks and Robots made from Recycled Materials
- ✓ Clean – Up Events
- ✓ Alternative Car Models
- ✓ Recycling fashion Shows
- ✓ Eco-Summit Displays
- ✓ Presentations by Environmental Professionals

## 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 aims to provide a financial contribution to participating green schools to help take projects from concept to completion and allow students to be involved in the grant writing process. In addition Grants for Green Leadership empowers and develops leadership skills of 5th through 12th grade students by allowing them to be leaders of green initiatives at their schools. Every year Dream in Green provides up to 10 mini-grants to support exciting and dynamic ideas for long-term behavioral change.



School	Teacher Champion	Amount	Date	Project(s)
Mast @ Homestead	Dr. Loris Carter	\$500	October 2013	Energy Conservation Rally
Westland Hialeah Senior	Ms. Josefina Beyra	\$500	October 2013	Energy Conservation Awareness Campaign
Palmer Trinity School	Dr. Leonardo Llinas	\$500	December 2013	School Aeroponic Garden
Airbase K-8 Center	Ms. Hannah Purcell	\$500	January 2014	Green Building Retrofit- Hand Dryer
Miami Springs Elementary	Jms. Anice Pacheco	\$500	January 2014	Live Worm Compost Bin
Palm Springs Middle	Ms. Janice Lord	\$500	February 2014	Recycling Containers + Rain Barrel
Norman S. Edelcup / Sunny Isles Beach K-8	Ms. Christine Todd-Gibson	\$500	March 2014	Eco-Summit
Robert Morgan Education Center	Ms. Vandana Gudi	\$ 500	April 2014	Eco-Summit
Palmetto Middle	Ms. Terri Ortiz	\$500	April 2014	Eco-Summit
Dr. Edward L. Whigham Elementary	Ms. Dionne De Silva	\$500	April 2014	Eco-Summit

## GREEN SCHOOL CHALLENGE TOP SCORING

The GSC is a long-term, whole-system approach to energy, water and resource efficiency in schools. The program involves students and staff from K-12 schools in implementing environmental solutions through hands-on, low to no cost learning activities related to energy efficiency, water conservation, waste reduction and recycling, green careers and green buildings.

The solutions enable local schools to reduce their energy and water costs and overall carbon footprint, while practicing environmental sustainability. The lessons learned by them are shared at home, expanding the program's reach.

“We would like to Thank and Congratulate the committed Team of Teachers, Custodial Staff, Administrators and Students for participating in the 2013/14 Green Schools Challenge and reaching this stage!”

# ROBERT RUSSA MOTON ELEMENTARY :

Score: 83 Points,  
Member Since 2012



**GREEN SCHOOLS CHALLENGE  
WINNER 2013/2014**



## HIGHLIGHTS:

Winner of the 2013-2014 Green Schools Challenge, Robert Russa Moton Elementary, completed monthly activities that empowered students to take action. The school's Jumping Jaguars took charge and successfully completed all program requirements, including constructing of a green foundation by forming a green team, taking a pledge, conducting an energy/water walkthrough survey and taking action towards saving energy and water. As a result of their efforts, the school showed savings in water consumption putting them ahead in the competition.

## ACTIONS:

1. Inspired by iconography, they created a map that used symbols to mark different forms of energy.
2. Created improvisational skits about alternative modes of transportation.
3. Designed haute couture fashions and hosted a recycling fashion show at the school.
4. Created a 'Did You Know' public service announcement to raise awareness about environmental sustainability.
5. Students performed and recorded a musical theater piece 'Save A Little Bit for Me' to teach others about water conservation.



# JOHN I. SMITH K-8 MIDDLE LEARNING CENTER AND RONALD W. REAGAN / DORAL SENIOR HIGH SOUTH CAMPUS :

📌 *Score: 78 Points,  
Member Since 2012*



**GREEN SCHOOLS CHALLENGE  
2ND PLACE WINNER 2013/2014**



## 🌿 HIGHLIGHTS:

The Green Action Team, led by the National Honor Students, spread the sustainability message by airing short skits during the morning announcements and creating posters with slogans to promote conservation and awareness about resource efficiency. Students also created a brochure, conducted presentations, and shared video clips to promote the environmental sustainability message.

## 🌿 ACTIONS:

1. Re-established a recycling program led by students along with banners and announcements depicting the importance of recycling.
2. Created a public service announcement about water conservation called "100 Ways to Conserve" and published a newsletters with tips for changing behaviors at school and in the home.
3. Encouraged students to walk, bike, skateboard or carpool to school in order to teach others about ways to reduce the production of greenhouse gases by making smart transportation choices.

## 🌿 SCHOOL INVOLVEMENT:

The GSC was led by students from the National Honor Society along with teachers from the science, mathematics and social studies departments. Facility staff and school security also supported the green team throughout the year by assisting with the energy and water survey and the action plan.

# GEORGE WASHINGTON CARVER MIDDLE :

📌 *Score: 75 Points,  
Member Since 2008*



**GREEN SCHOOLS CHALLENGE  
3RD PLACE WINNER 2013/2014**



## 🌿 HIGHLIGHTS:

Students at G.W. Carver Middle took the school on a green journey, transformed the school into an eco-friendly learning environment and became community green heroes. Students helped to solve a long-standing environmental problem in their community, inspired officials to take action, and helped the school win the Samsung's Solve for Tomorrow contest. Through the implementation of green initiatives and actions, green team members became environmental stewards and helped to inspire others to incorporate sustainable practices into their daily activities.

## 🌿 ACTIONS:

1. Sixth grade students at began monitoring the school's energy and water bills.
2. Students conducted comprehensive energy audits at home.
3. Sixth graders were offered extra credit if they brought their reusable water bottles to school as a way to help reduce the amount of plastic bottles being thrown away on campus.
4. Seventh graders also took charge and built awareness by creating solar cookers and installing rain barrels in their school garden.

## 🌿 SCHOOL INVOLVEMENT:

Green team members encouraged the entire school population to be part of the environmental movement at the school. They produced a 'Go Green' banner to raise awareness for a one of a kind photo shoot idea. Staff custodians at Carver Middle also got in on the action as they continued to support the school's recycling program by emptying bins once they were filled. In terms of curriculum integration, teachers from the Art, Language, Social Studies and Math departments integrated a 'green' component into their lesson plans.

## 🌿 COMMUNITY INVOLVEMENT:

Students and teachers attended a public meeting about Old Smokey, the City of Miami's former garbage incinerator that was shut down in 1970. Through this experience students realized they could become part of the solution and win the Samsung's Solve for Tomorrow contest with \$140,000 at stake. Students analyzed the findings of the City's soil tests and interviewed researchers, residents, and local officials. After collecting their own data, students compared their test results to the official ones and brought attention to the matter, inspiring City officials to take action.



*Independent School Winner*



# PALMER TRINITY SCHOOL :

📌 *Score: 93 Points,  
Member Since 2012*



**GREEN SCHOOLS CHALLENGE  
1ST PLACE WINNER 2013/2014**

## 🌿 HIGHLIGHTS:

Winner of the independent school category two years in a row, Palmer Trinity School (PTS), showed exemplary environmental leadership. Groups of students from various grade levels designed and implemented green initiatives throughout the year. The quality of submissions received impressed DIG staff and were frequently featured in our newsletters and website. The program kicked off with an energy awareness campaign featuring a school-wide flash mob followed by other green projects that helped to trigger interest in environmental sustainability at the school and in the community. Achieving the highest score in the GSC, PTS surpassed all the schools in Miami-Dade by showing significant savings in energy and water consumption.



## 🌿 ACTIONS:

1. Students created a flash mob and performed a chant to raise awareness about energy consumption and pollution.
2. A group of students biked to school during Earth Week as the first step to change community culture, reduce our consumption of fossil fuels, and lessen our environmental impact.
3. With funding from DIG, the PTS Eco Club purchased an Aeroponics vertical garden to grow plants using air moisture or mist without the use of soil.
4. Students designed and constructed models of sustainable homes with contemporary design sensibilities.
5. Designed an infographic to raise awareness about the impacts associated with the use of paper cups.

*Independent School Winner*



# ST. STEPHEN'S EPISCOPAL DAY SCHOOL :

Score: 69 Points,  
Member Since 2010



**GREEN SCHOOLS CHALLENGE  
2ND PLACE WINNER 2013/2014**



## **HIGHLIGHTS:**

St. Stephen's Episcopal Day School made a 100% commitment to advance environmental sustainability at their school through a school-wide Green Pledge. The school's team spirit was apparent through their environmental initiatives and participation at Baynanza Biscayne Bay Cleanup Day.

## **ACTIONS:**

1. Students built a Solar Oven.
2. Parents, students and teachers participated in cleaning up Biscayne Bay at Baynanza.
3. Created a Recycling Super Hero named Recycling Lion.
4. Harvested fruits and vegetables at the school's garden.
5. Learned about cisterns and capturing of rain water.

## **SCHOOL INVOLVEMENT:**

This year, the entire school community including students, teachers, administrators and facility staff participated in the Pledge to the Earth. At a following event, the school's own green mascot, Recycling Lion, gave a rousing, roaring speech at flag salute encouraging the entire school community to continue to recycle. In addition, many students and faculty were involved in planting and maintaining organic garden beds. Herbs, fruits and vegetables were picked daily by the kitchen staff and were used in school lunches.

## **COMMUNITY INVOLVEMENT:**

In April, the school's Green Team organized a team to participate at the 2014 Baynanza Biscayne Bay Cleanup Day at Vizcaya Museum and Gardens. Parents, students and faculty joined thousands of others from around Miami-Dade County to clean up Biscayne Bay and collectively removed more than 40 tons of garbage from the shores.



**WATER + ENERGY  
LEARNING + BEHAVIOR**



# DR. EDWARD L WHIGHAM ELEMENTARY :



A group of children, mostly wearing blue shirts and gloves, are gathered around a garden bed. They are using small tools to plant seedlings into the dark soil. The children are of various ethnicities and are focused on their task. The garden bed is bordered by a wooden plank, and the surrounding area is grass.

Because of students' dedication to the Green Schools Challenge, the school's significant water savings made them the first-ever winner of WE-LAB. As a result of their school wide behavioral changes and water-focused initiatives, the school reduced their water consumption by 38% during the school year.

1. Created an organic vegetable and butterfly garden.
2. Installed a rain barrel.
3. Installed a composting system.
4. Participated in a Marina Clean-up to help protect the watershed and Biscayne Aquifer.

As a WE-LAB School, students created water conservation projects that enforced the message of protecting our watershed. Students created public service announcements that educated students, faculty and staff on specific ways to protect the watershed. For its monthly challenges, students and teachers created a garden and installed a composting system to naturally fertilize the garden. They also installed a rain barrel to collect grey rainwater for the garden, therefore conserving fresh drinking water.

Students, teachers and administrators participated in the school's 3rd Annual Black Point Marina Clean-up in order to remove litter and trash from the watershed. In addition, students worked with the City of Cutler Bay Community Garden to set-up the vegetable and butterfly garden. Miami-Dade County and Dream in Green staff also visited the school to conduct a WE-LAB and Rain Barrel workshop.

## OTHER GCS FINALISTS



# DANTE B. FASCELL ELEMENTARY

📌 *Score: 69.5 Points. Member Since 2011*

### 🌿 HIGHLIGHTS:

Dante B. Fascell Elementary does it again and excels in the GSC by receiving a top score. The school's Green Patrol members took on the challenge of educating fellow students on environmental sustainability and working with faculty and facility staff to create a green school. This year, the school showed significant savings in water consumption making them winners.

### 🌿 ACTIONS:

1. Created Conservation Quilts.
2. Hosted a Career Day and invited Jeanmarie Massa, Recycling Manager from Miami-Dade County Public Works and Waste Management Department.
3. Created an original animal using only recycled items.
4. Established a school wide recycling program focused on empty ink toners
5. Created totem poles from used paper towel rolls.
6. Decorated their 'Best Dressed Turkeys'. The winning turkey was created from recycled cardboard.
7. Every morning, the school announced water saving tips over its broadcast system.



# WEST MIAMI MIDDLE

📌 *Score: 69 Points. Member Since 2009*

### 🌿 HIGHLIGHTS:

Over the past school year, West Miami Middle students and staff focused on the nexus between energy and water. In order to become more resource efficient, the school installed a gutter system to collect rain water and fill a pond on the schools ground. The water was then used to irrigate the landscape.

### 🌿 ACTIONS:

1. Students learned about the benefits and disadvantages of different kinds of light bulbs. Students used a heat/temperature gun to test the heat given off by incandescent light bulbs. Student discovered that Compact Florescent Light bulbs (CFL) give off less heat and use less energy.
2. To help educate others about the importance of reducing waste, students created a blog to document the various activities they undertook related to recycling.
3. Students hosted a competition to see which classroom could bring in the most cell phones to be recycled.





# NAUTILUS MIDDLE SCHOOL

📌 *Score: 69 Points. Member Since 2011*

## 🌿 HIGHLIGHTS:

Green Team members of the award winning-Nautilus Middle, do it again and gain recognition at the Regional SPEF, the Youth Hall of Fame, STEM Excellence Award and Olympiad 2014 for environmental science projects.

As a result of student success, Nautilus Middle was named as a finalist in the Green Schools Challenge.

## 🌿 ACTIONS:

1. Created a Nautilus Butterfly Memorial Garden.
2. Implemented a school-wide energy conservation and awareness campaign.
3. Recognized at the STEM Science Conservation Competition.
4. Participated in the Future City Challenge, and mentored younger students on the design and construction process.
5. Held SECME seminars for alternative energy and energy conservation awareness in the community.

## 🌿 SCHOOL INVOLVEMENT:

The Science Academic Club mentored students and faculty in practicing energy saving habits in school. Science teachers integrated energy issues into the curriculum. Facility staff worked with students on the recycling program, as well as with the faculty in saving and conserving energy to reduce expenses. All green efforts culminated during the Eco-Summit in April which celebrated approaches to learning and environmental awareness in education.

## 🌿 COMMUNITY INVOLVEMENT:

Parents were active in this year's program by working with the Science Academic Club to promote the Butterfly Memorial Garden. Together with science teachers, they assisted students with science projects related to environmental concerns and solutions to issues of alternative energy and conservation.

In addition the Parent Teacher Student Association (PTSA) worked on grants and awards to promote energy conservation behavior in students and supported projects related to the environmental impact of humans and wildlife.

Finally, the National Junior Honor Society participated in a beach clean-up and hosted a contest related to water quality awareness





# E.W.F. STIRRUP ELEMENTARY

🚩 *Score: 68.5 Points. Member Since 2011*

## 🌿 HIGHLIGHTS:

Highlights: Through creative writing activities, students learned about the different types of energy and wrote riddles to depict some of the renewable sources. In November, Green Team members hosted a recycled sculpture contest. Each sculpture was scored based on originality, creativity, the use of recycled materials, and the amount of time spent creating each project. Winners were awarded prizes.

## 🌿 ACTIONS:

1. Studied the advantages and disadvantages of renewable and nonrenewable energy sources; helping students understand that their choices impact the planet.
2. Wrote short stories about each student's commitment to save water.
3. Created brochures about various green careers in order to help promote these types of jobs to other students.
4. Hosted an Eco Summit displaying the students' different green initiatives and spreading the sustainability message to the entire school body.



# MIAMI SPRINGS ELEMENTARY

🚩 *Score: 68 Points. Joined 2013*

## 🌿 HIGHLIGHTS:

Dream in Green provided a grant to help the Kindergarten Green Team at Miami Springs Elementary participate in a "ClassWorm" Recycling Program. Students learned how to build and maintain a worm compost bin. They also discovered how organic matter decomposes with the help of worms.

## 🌿 ACTIONS:

1. Created an energy mural with illustrations and slogans that encouraged the use of alternative energy sources and the reduction of energy consumption.
2. Participated in collecting trash throughout the school grounds. The Green Team organized the "Great Trash Bash" and presented certificates for participating classes.
3. Students learned about water as a natural resource, brainstormed ways to conserve water, and went on a walking tour of the school in search of wasted water.
4. Members of the Green Team created posters to display in hallways, bathrooms, and classrooms in order to remind others to save water and turn off faucets when not in use.



# MAST @ HOMESTEAD

📌 *Score: 67.5 Points. Member Since 2012*

## 🌿 HIGHLIGHTS:

The Green Team hosted “Sun-light it up!” an energy rally to educate students about energy efficiency and provide students with actions they can take immediately. Green Team members also distributed pamphlets, pencils, pens and yellow wristbands with messages about energy conservation.

## 🌿 ACTIONS:

1. Hosted Earth Hour every Friday afternoon, encouraging students to power off an electronic device for at least one hour.
2. Distributed facts about water consumption from around the world.
3. Organized a “no idle” campaign and awarded drivers who turned off their engines while waiting to pick up students.



# CORAL GABLES SENIOR HIGH

📌 *Score: 66.5 Points. Member Since 2010*

## 🌿 HIGHLIGHTS:

Coral Gables Senior High students, teachers and staff took the environmental sustainability message to heart and implemented numerous green initiatives.

DIG staff was so impressed that two Coral Gables Senior High students, Samantha Morrison and Paula Burkhardt, received the Student Leadership Award at the 2014 End-of-Year Award Ceremony.

## 🌿 ACTIONS:

1. Created a garden with unused plants from science experiments.
2. Installed a rain barrel for the garden.
3. Implemented a school-wide recycling program.
4. Launched a no idling campaign with bus drivers.
5. Conservation of coral reefs by growing coral.

## 🌿 SCHOOL INVOLVEMENT:

Teachers and facility staff went above and beyond during the school year. Teachers pledged to bring their own coffee mugs instead of using plastic ones, and facility staff made an increased effort to turn off lights in classrooms at night as well as ensuring that doors were closed to keep cold air from escaping into the hallways. In addition, the student body pledged to “Be Green” and the Green Team distributed newsletters about environmental awareness to science classes.

## 🌿 COMMUNITY INVOLVEMENT:

Parents and bus drivers were involved in the no idling campaign to help reduce carbon emissions from vehicles. In addition, University of Miami student, Elizabeth Tran, interviewed students and wrote an article about the school’s environmental efforts in order to spread awareness. Finally, students grew coral in order to help conserve coral reefs near the shoreline and in the bay and ocean.



# SHADOWLAWN ELEMENTARY

📌 *Score: 65 Points. Members Since 2011*

## 🌿 HIGHLIGHTS:

Students revamped the school's recycling program by hosting a school-wide competition to decorate boxes for recycling. The winning design won an ice cream party. Twice a week students from the Green Patrol collected the recycling from each classroom and encouraged others to also recycle ink cartridges and electronics. Students designed flyers that were sent home to parents asking them to bring in their recycling.

## 🌿 ACTIONS:

1. Students placed signs near light switches reminding teachers to shut off the lights when leaving a classroom. The school principal also made announcements to encourage everyone to conserve energy.
2. Students created Drops of Wisdom, water droplet signs used to educate others about the importance of conserving water both at school and at home.



# DOWNTOWN MIAMI CHARTER SCHOOL

📌 *Score: 64.5 Points. Joined 2013*

## 🌿 HIGHLIGHTS:

The Green Garden Team at Downtown Miami Charter School put the sun to the test and built solar ovens for the October Challenge. Students learned about the importance of saving electricity as well as the benefits of using solar energy. Some of the students' ovens were placed next to a window in direct sunlight and others were left outside in the sun. Within 45 minutes the ovens inside reached 80 degrees while those outside reach 120 degrees. Thanks to the solar ovens students were able to enjoy warm chocolate chip cookies.

## 🌿 ACTIONS:

1. Promoted energy savings practices by placing signs by light switches as a reminder to turn off lights when leaving the room.
2. Planted a vegetable garden.
3. Used a rain barrel to water the school's vegetable garden.
4. Built solar powered pizza box ovens.





# ROBERT MORGAN EDUCATIONAL CENTER

 *Score: 63 Points. Member Since 2011*

## HIGHLIGHTS:

Filled with enthusiasm, 150 students at Robert Morgan Educational Center took the pledge to go green. Hosting weekly student-led meetings during their lunch time, these green rangers implemented sustainable practices that will carry on for years to come.

## ACTIONS:

1. Created digital flyers and made morning announcements promoting green actions at their school
2. Implemented a self-sustaining weekly paper, plastic, aluminum and glass recycling program.
3. Built a garden of native plants by utilizing used tires that were salvaged from a nearby dump.
4. Created a green flash mob, held community events, and distributed tote bags to the entire faculty.

## SCHOOL INVOLVEMENT:

Faculty, administrators and facility staff all took the green pledge during a faculty meeting. Faculty and facility staff teamed up to organize the schools big Eco Summit event in celebration of Earth Day.

The Students' Activities Director was highly supportive and always ready to assist students with their projects and help navigate through any barriers. She also called parents to educate them about the various green activities taking place at the school.

## COMMUNITY INVOLVEMENT:

Robert Morgan Educational Center students held a showerhead and light bulb exchange and power strip drive in their community – and successfully achieved their goal of collecting 18 power strips. They also taught community members how to recycle ink cartridges, toner and electronics.



# HONORABLE MENTION

School	Points
Coconut Palm K-8 Center	62.5
Sunset Park Elementary	57
Dorothy M. Wallace Cope Center	55.5
South Hialeah Elementary	54.5
Fairlawn Elementary	53
Eugenia B. Thomas K-8 Center	53
Southwest Miami High	47.5
Palm Springs North Elementary	46.5
Mae M. Walters Elementary	43.5

## OTHER AWARD CATEGORIES



# MONTHLY CHALLENGE WINNERS

Challenge	School
Energy Efficiency & Conservation	Dante B. Fascell Elementary
Energy Efficiency & Conservation	Westland Hialeah Senior High
Waste Reduction & Recycling	Marjory Stoneman Douglas Elementary
Waste Reduction & Recycling	Palmer Trinity School
Water Conservation	Air Base Elementary
Water Conservation	Southwood Middle
Alternative Transportation	Sunset Park Elementary
Alternative Transportation	Coral Gables Senior High
Green Buildings	None
Green Buildings	Nautilus Middle
Green Careers	South Hialeah Elementary
Green Careers	Dorothy M. Wallace COPE Center

# STUDENT LEADERSHIP

Student	School
Daniela Alvarez	Robert Morgan Educational Center
Samantha Morrison	Coral Gables High
Paula Burkhardt	Coral Gables High
Angelica Ruiz Salgado	Rockway Middle
Dawson Delesdernier	Dr. E. L. Whigham Elementary
Guido Dominguez	Nautilus Middle



# BEST FACILITY MANAGER

## Facility Manager

Maria Redero

Mr. Robert H. Denman, Security

## School

Rockway Middle

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

# INNOVATION IN EDUCATION

## Teacher

Vilma Quevedo

Loris Carter

Terri Ortiz

Hannah Purcell

## School

West Hialeah Gardens Elementary

Mast @ Homestead

Palmetto Middle

Air Base Elementary

# ECO SUMMIT AWARD

## Teacher

Gail Jenkins

Christine Todd Gibson

Vandana Gudi

Terri Ortiz

## School

E. W. F. Stirrup Elementary

NIB SIB Elementary

Robert Morgan Educational Center Terri Ortiz

Palmetto Middle I

# WE-LAB GREEN SCHOOL AWARD

## Placement

1st Place

Runner Up

WE-LAB Green School - Honorable Mention

WE-LAB Green School - Honorable Mention

WE-LAB Green School - Honorable Mention

WE-LAB Green School - Honorable Mention

WE-LAB Green School - Honorable Mention

WE-LAB Green School - Honorable Mention

WE-LAB Green School

WE-LAB Green School

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WE-LAB Green School

WE-LAB Green School

## School

Dr. Edward L. Whigham Elementary

Air Base Elementary

Southwood Middle

West Hialeah Gardens Elementary

Palm Springs Middle

Palmetto Middle

Hialeah Gardens Middle

Rockway Middle

Marjory Stoneman Douglas Elementary

Springview Elementary

Ethel Koger Beckham Elementary

Hialeah High

Jose Marti MAST 6-12 Academy

Immaculata La Salle High

Everglades K-8 Center

Franc C. Martin international K-8 Center

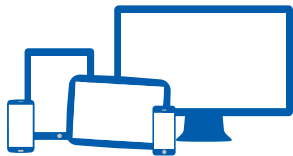
Edison Park Elementary

Bent Tree Elementary



## 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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