

May 9, 2018

P₃ Eco-Challenge Awards Ceremony





The Broward P3 Eco-Challenge is a multi-divisional and organizational effort between Broward County Public Schools (BCPS), Broward County Environmental Planning and Community Resilience Division, and the Environmental Conservation Organization. A P3 Committee, represented by members from these organizations was formed to create and implement this wonderful initiative to recognize and reward our schools, teachers, students, non-instructional individuals and custodial staff for their many efforts to learn about and implement environmentally sustainable measures and green initiatives within our schools and communities.

There are two areas of recognition: The P3 School Challenge and the P3 Stewardship Recognition. The school challenge entails demonstrating participation in or implementation of different sustainability metrics based on a rubric composed of six comprehensive categories: School Grounds Enhancement, School Sustainability, Curriculum Integration, Community Involvement, Administrative Support, and Innovation/Special Projects.

The P3 Stewardship Recognition rewards teachers, students, non-instructional individuals and custodial staff who show evidence of promoting civic responsibility, environmental stewardship, and education of environmental issues. The metrics of this category include: Awareness and Involvement, Current Professional Development/Affiliation, Instructional Soundness/Creativity, and Skill Building.

P₃ Committee

Dr. Jennifer Jurado, Director, Broward County Environmental Planning and Community Resilience Division. Staff Members: Carolina Maran, Robert Rudolph, Victor Suarez, Kimberly Mayo, Maena Angelotti, and Rose B  chard-Butman

Susan Cantrick, Director, BCPS Applied Learning Department. Dr. Lisa Milenkovic, STEM+CS Supervisor. Instructional Facilitators: Rebecca Malones, Cindy Griffin, Erik Leitner, Annmargareth Marousky, and Kelly Thomas

BCPS Environmental Health & Safety Department: Robert Jindracek, Ed See, and Gianet Puma

Ed Hineline, Director, Business Applications, BCPS Information and Technology Department. Staff Members: Melanie Riles, James Li

Environmental Conservation Organization: Dawn Miller-Walker – Science Eye, Andy Roberts-Youth Environmental Alliance; Steve Weinsier – Allstate Resource Management; and Robin Reccasina - Sawgrass Nature Center and Wildlife Hospital

PROGRAM AGENDA

P₃ Eco-Challenge Awards Ceremony

Reception

Opening Remarks

Charles Webster, Coordinator, BCPS Legislative Affairs

Welcome

Broward County Mayor Beam Furr

Laurie Rich Levinson, School Board of Broward County, District 6

Introduction

Dr. Jennifer Jurado, Director, Broward County Environmental Planning and Community Resilience Division

Keynote Speaker

Delaney Reynolds - Founder & Activist, The Sink or Swim Project

Student Stewardship Awards

Dr. Lisa Milenkovic, STEM+CS Supervisor, BCPS Applied Learning Department

Recognition of Stewards

Robin Reccasina, Andy Roberts, Dawn Miller-Walker

Environmental Conservation Organization

PSA Awards

Dr. Lisa Milenkovic, STEM+CS Supervisor, BCPS Applied Learning Department

Stewardship Awards

Charles Webster, Coordinator, BCPS Legislative Affairs

School Awards

Dr. Lisa Milenkovic, STEM+CS Supervisor, BCPS Applied Learning Department

Individual Categories

All Categories

Closing Remarks

Thank you Long Key Nature Center for hosting the P₃ Eco-Challenge Awards Ceremony!



About Long Key Natural Area & Nature Center: At 164.8 acres, this site is one of the largest natural areas managed by Broward County Parks and Recreation. As recently as a century ago this elevated oak hammock was part of a series of islands surrounded by Everglades marshes. Long Key encompasses some of the most significant archaeological, historical, and ecological resources in the county, as the area was inhabited by the ancient Tequestas and the more modern Seminoles.

Long Key's magnificent live oak hammock has served as an important habitat for wildlife and is one of the largest remaining stands of upland hardwood forest in Broward County. Typical trees found in the hardwood forest include live oak, red bay, paradise tree, strangler fig, and the occasional cabbage palm and gumbo limbo. Among the diverse plants you can see are many species of epiphytic bromeliads and ferns that abundantly line the limbs of the oaks. Additional features include a 14-acre orange grove, a remnant of a once-active citrus industry; restored wetland marshes, which have become a haven for a variety of migratory and resident birds; several man-made ponds and canals; and, an active bird roost/rookery. The site is also a refuge for butterflies and a variety of mammals, including foxes and bobcats.



More information on this park can be found at broward.org/Parks



Southeast Regional Envirothon

The Southeast Regional Envirothon is an annual competition in which high school teams demonstrate their knowledge of environmental science and natural resource management. The competition is centered on five universal testing categories: Aquatic Biology, Forestry, Soil & Land Use, Wildlife and a Current Issue topic that changes every year. Winners from the regional competition advance to the Florida Envirothon, and then the state winner advances to the national event, North American Envirothon, that includes the U.S.A. and Canada. All three levels have cash awards and other prizes. The next regional competition will be on February 20, 2019. The location will be announced at a later date. Visit Eco-tan.org for more information about participating in the Envirothon.



DELANEY ANNE REYNOLDS

KEYNOTE SPEAKER

Delaney is a fourth generation Miamian who splits her time between Miami and the Florida Keys. She is a freshman at the University of Miami's Rosenstiel School of Marine & Atmospheric Science where she is pursuing a Double Major in Marine Science and Geology and is a recipient of a Singer Scholarship and a Foote Fellowship. Delaney is a graduate of Palmer Trinity Private School, the University of Miami's Summer Scholar's Program in Tropical Marine Biology, and Vice President Al Gore's Climate Reality Training.

Delaney is founder and CEO of The Sink or Swim Project, a 501 (c) non-profit company and is active in political advocacy and seeking solutions to some of the world's most pressing environmental challenges.

She is a member of the Board of Directors of The CLEO Institute, a Dream in Green Youth Ambassador, a member of Philippe Cousteau's EarthEcho International Youth Leadership Council and sits on the Miami-Dade County Committee of the Rockefeller Foundation's 100 Resilient Cities.

Delaney is a published author and illustrator and is currently writing a book about sea level rise. Her work has been featured in numerous local, national and international mass media publications and she has given a popular TEDx Talk, appeared on National Geographic Channel's Years of Living Dangerously, with Philippe Cousteau on his Xploration Awesome Planet on FOX, and with Vice President Al Gore on MTV's An Inconvenient Special Town Hall on Climate Change.

Her honors include: National Geographic Society's inaugural Global Teen Service Award, George Eastman Young Leader's Scholarship from the University of Rochester, Gloria Barron Scholarship Prize for Young Heroes, Broward County Green Leader Award, Miami Herald Silver Knight award in Social Science and as a member of the CLEO Institute's Leadership Council.



CHARLES WEBSTER – EMCEE

Charles Webster is Governmental Affairs Coordinator for Broward County Public Schools. Charles participates in advisory boards and is an active participant in the Take Stock in Children program and is a former instructor in Florida Atlantic University's Microenterprise Business Program.

Charles earned his BA and his MBA from Nova Southeastern University. He is a member of the National Black MBA Association and a member of the Board of Directors of the Greater Fort Lauderdale Alliance. Together with his wife Carol, Charles founded Privileged Communications, Inc., an independent publishing company where they published Dr. Webster's books on success. He also produced and directed **Success!** a weekly cable access show celebrating the success of community leaders and students.

Educators:**Grisel Berrios**

Walter C Young Middle School

Shannon Connelly

Hollywood Hills Elementary School

Kelly De Varona

Davie Elementary School

Joanne Ewart

Sheridan Hills Elementary

Elaine Fiore

Beachside Montessori Village

Matthew Hamilton

Crystal Lake Middle School

Debra Hixon

South Broward High School

Monika Moorman

Orange Brook Elementary School

Elizabeth Norrell

Griffin Elementary School

Daniel Stackhouse

McFatter Voc Tech High School

Christina Tse

Challenger Elementary School

Catherine Uden

Westwood Heights ES

Students:**Kayla Bello**

Driftwood Middle Academy of Environmental Health and Wellness

Darien Deonanan

South Broward High School

Jacob Ewert

South Plantation High School

David Gonzalez

Challenger Elementary School

Poovini Illankovan

Orange Brook Elementary School

Tyler Lopez

South Broward High School

Olesya Malakhova

South Broward High School

Carolina Silva

Walter C Young Middle School

Joshua Vallejo

Pines Middle School

Custodial and Non-Instructional:**James Coleman, Jr.**

Challenger Elementary School

Tanya Lacasse

Griffin Elementary School

Antjon Lockhart

Orange Brook Elementary School

Jorge Mendez

Hollywood Hills Elementary School

Dion Nader

Orange Brook Elementary School

Schools

Annabel C Perry Elementary School, *Category I*

Beachside Montessori Village, *All Categories*

Challenger Elementary School, *Category I*

Dania Elementary School, *Category I-V*

Griffin Elementary School, *All Categories*

Lauderdale Lakes Middle School, *Category III, V*

McFatter Technical High School, *Category I-III*

New River Middle School, *Category IV-V*

Orange Brook Elementary School – *All Categories*

Panther Run Elementary School – *Category I, II, IV*

Park Springs Elementary School – *Category I, IV*

Pines Middle School – *Category II*

South Plantation High School – *Category II, III, IV*

Walter C Young Middle School – *All Categories*

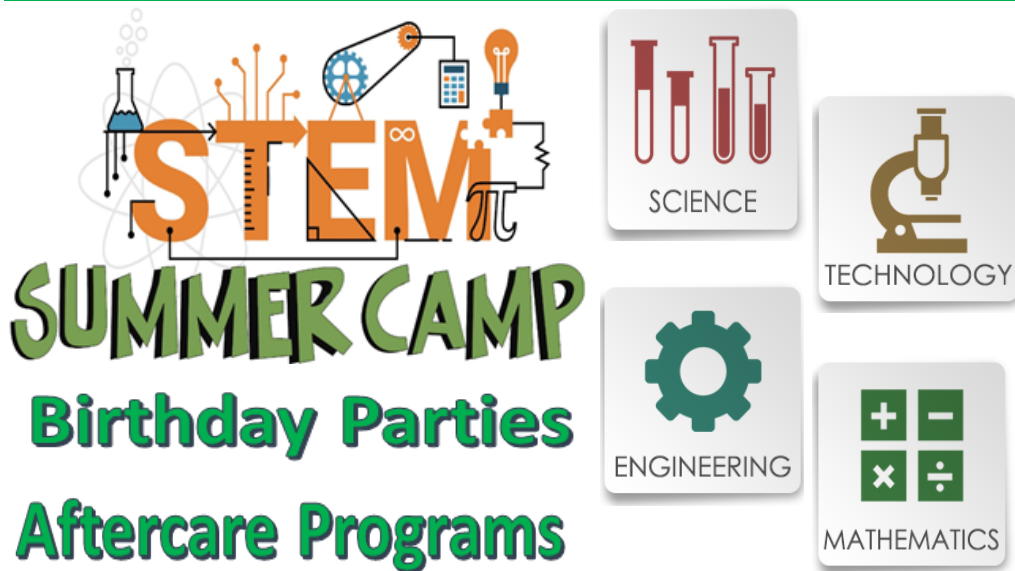


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National Wildlife Federation Salutes the Broward
P3 Eco-Challenge Honorees! We applaud the efforts of Broward
County schools, administrators and volunteers who carry out
green initiatives through environmental stewardship.



**SCHOOLYARD
HABITATS**

For more information on how NWF's Eco-Schools USA program
can help your school reach its sustainability goals please visit,
nwf.org/eco-schoolsusa.





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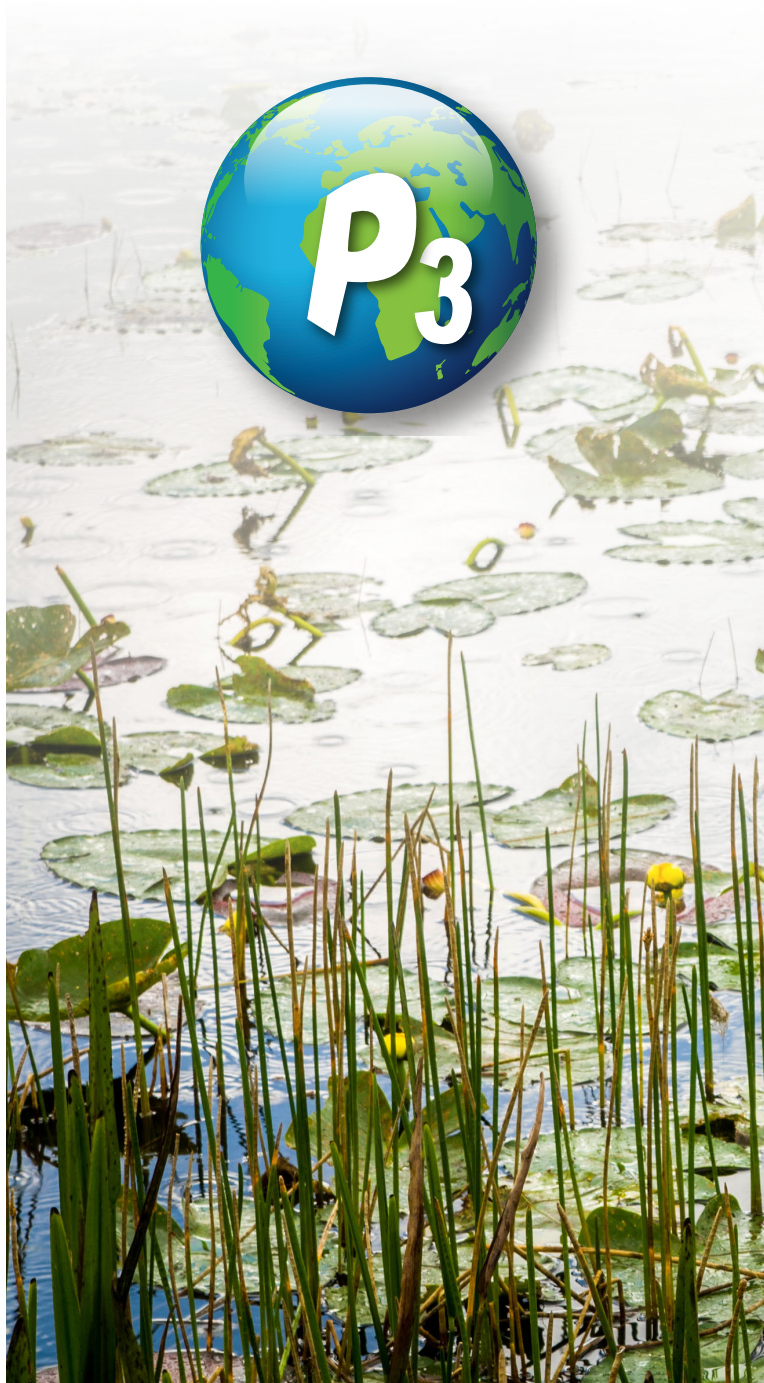
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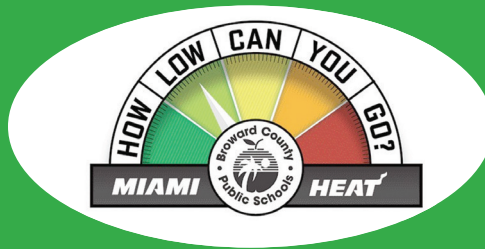
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Miami HEAT Teams Up with Schools to Reduce Energy and Water Consumption via “How Low Can You Go?” Initiative

Congratulations to the 5th Annual How Low Can You Go Challenge winners!

The How Low Can You Go Challenge started in 2008 at Driftwood Middle School to raise awareness about the effects of CO₂ emissions and to reduce energy consumption. The Miami Heat joined during the NBA Green week in 2012. More than 200 Florida K-12 schools have participated in the last four years.

The cost savings in energy over 4 years: \$449,619

kWh 4,517,751 reduction in energy usage

A water reduction element started in the 2016-2017 school year.

Total water savings is 3 million gallons.

Winners were invited to the American Airlines Arena to be recognized before the game on April 4, 2018.



Greatest Percent of Reduction Award

*1st Place- Lake Forest Elementary (Sharon Boyd, Principal)

25% in reduction, -142,466 kWh reduced , Cost savings \$12,822

*2nd Place -Panther Run Elementary (Elaine Saef, Principal)

23% in reduction, -88,956 kWh reduced, Cost savings \$8006

*3rd Place - Plantation Park Elementary (Julie Gittelman, Principal)

20% in reduction, -61,005 kWh reduced, Cost Savings \$5490

Most Sustainable School Reduction for 4 Years

Walter C. Young Middle School 7.8% (Patricia Bernard Mark, Principal)

Most Gallons of Water Saved

Driftwood Middle School Academy of Environmental Health and Wellness (Steven Williams, Principal)

*1,239,244 gallons saved

*Cost savings \$16,110



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Congratulations to the 2017 P₃ Eco-Challenge finalists!

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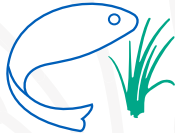
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Professional Development Opportunities

National Wildlife Federation Habitat Steward Training K-12 (June 18 - 22, 2018) 36 points

Participants will learn to implement the NatureScape initiative, achieve Schoolyard Habitat certification through the NWF and strategies for teaching water conservation, urban ecology, and environmental stewardship. The five-day course offers cross-curricular environmental activities that enhance the current science, literacy and math curriculum. Each day of this professional development will take place at a different location, giving the participants a chance to see the many habitats and natural resources in Broward County.

Schoolyard Habitat K-12 (June 12, 2018) 16 points

This class will provide a curriculum for teaching health, science, language arts, mathematics and social studies. Gardening for Nutrition from Florida Agriculture in the Classroom, Schoolyard Habitat certification through the NWF learning gardens and environmental education in partnership with NatureScape Broward will be covered in two one day sessions.

For these workshops, please register through My Learning Plan (MLP))

Congratulations to the 2018 Florida Green Apple schools!

**Orange Brook Elementary
Pines Middle School
Griffin Elementary School
Driftwood Middle Academy
of Environmental Health
and Wellness**



The Florida Department of Environmental Protection recognizes schools that make a commitment to conserve and protect Florida's natural resources through the Green School Designation Program. The program's environmental guidelines help Florida primary and secondary schools evaluate operations, set goals and take specific actions to improve environmental performance. Designated Green Schools create a healthier environment for students, employees and communities. Reducing water and energy use and reducing waste help lower operating costs.





Water Conservation PSA Contest



For the second year, a Water PSA Contest was held as part of the P3 Eco-Challenge. Students were asked to create a thirty-second PSA video with the focus “A Day Without Water”, inspired by the official “Imagine a Day Without Water 2018” which will be held across communities in the U.S. on October 10, 2018.

The idea of the contest is to empower and inspire students to raise awareness and educate others about the value of water and the importance of water conservation. The videos imagine what a day without water would look like to them. The winning school wins a bottle filler station for their school.

The top four videos were submitted by the following teachers on behalf of their students.

- Challenger Elementary School
Christina Tse
- Driftwood Middle School
Victoria E. Trujillo-Cortellese
- Griffin Elementary School
Jacqueline R. Sanchez
- Orange Brook Elementary School
Lisa Paguaga



NOTES:



P3 Eco-Challenge

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Eco-Friends



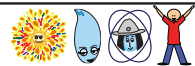
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