

Florida Green Apple Schools

Designation initiated by the Florida Department of Environmental Protection (DEP) to encourage K-12 schools to conserve and protect Florida's natural resources. BCPS school designated with a *Gold Apple* status - Driftwood Middle. *Bronze Apple* status - Griffin Elementary. *Green Apple* schools - Central Park Elem., Dania Elem., Orange Brook Elem., North Andrews Elem., Pines Middle, New River Middle, and Walter C Young Middle. www.fldoe.org/schools/healthy-schools/green-schools.shtml



National Wildlife Federation (NWF) Eco-Schools Pathways - 55 BCPS schools. Through school-based action teams of students, administrators, educators and community volunteers, Eco-Schools combines effective "green" management of the school grounds, facilities and the curriculum. www.nwf.org/Eco-Schools-USA/Become-an-Eco-School

Broward Habitat Stewards - Over 200 educators have been trained in a 3-day professional development in learning how to implement the NatureScape initiative, how to achieve Schoolyard Habitat certification through the National Wildlife Federation, strategies for teaching students the importance of water conservation, urban ecology, and environmental stewardship through fun, cross-curricular environmental activities and learning gardens that enhance the current science and math curriculum.

Everglades Literacy K-12 - The Everglades Curriculum teacher training is a hands-on, inquiry-based program aimed at improving the understanding of this rich topic through interdisciplinary techniques. The Everglades Literacy Conceptual Framework and K-12 Curriculum is a free set of lessons (three per grade level) that scaffold from K-12 in order to build complexity among topics.

CONTACT US

Email

browardstem@browardschools.com

Website

browardschools.com/stem

STEM + CS Supervisor

Dr. Lisa Milenkovic

Address

600 SE Third Avenue
Fort Lauderdale, FL 33301

The Green School Awards - the Florida Department of Education and a host of community partners recognize students, teachers, classes, schools and school districts annually for their environmental achievements. BCPS was the first district awarded the Green District gold award and has been a gold recipient since then. www.fldoe.org/schools/healthy-schools/green-schools.shtml

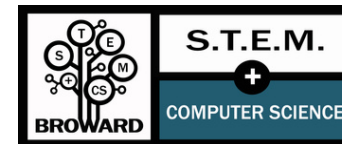
STEM Challenges - Quarterly STEM and environmental challenges for students.

bit.ly/browardstemchallenges



The School Board of Broward County, Florida Lori Alhadeff • Torrey Alston • Brenda Fam, Esq. • Daniel P. Foganholi • Debra Hixon • Dr. Jeff Holness
Sarah Leonardi • Nora Rupert • Dr. Allen Zeman • Dr. Peter B. Licata, Superintendent of Schools

The School Board of Broward County, Florida, prohibits any policy or procedure which results in discrimination on the basis of age, color, disability, gender identity, gender expression, genetic information, marital status, national origin, race, religion, sex or sexual orientation. The School Board also provides equal access to the Boy Scouts and other designated youth groups. Individuals who wish to file a discrimination and/or harassment complaint may call the Director, Equal Educational Opportunities/ADA Compliance Department & Districts Equity Coordinator/Title IX Coordinator at 754-321-2150 or TeleType Machine (TTY) 754-321-2158. Individuals with disabilities requesting accommodations under the Americans with Disabilities Act Amendments Act of 2008, (ADAAA) may call Equal Educational Opportunities/ADA Compliance Department at 754-321-2150 or TeleType Machine (TTY) 754-321-2158. browardschools.com



STEM + Computer Science Applied Learning Dept.



Environmental Stewardship Initiatives

browardschools.com/stem

Broward Youth Climate Summit

An annual event for students in grades 5-12 to provide a platform for students to advocate for policy change and gives students a voice for



promoting environmental sustainability. In collaboration with the Broward County Natural Resources Division. Attendees have opportunities to share their climate action plans or projects and network with each other, elected officials and scientists working on sustainability issues.

www.browardschools.com/youthclimatesummit



P3 Eco-Challenge



Partnership among BCPS (Applied Learning Dept., Environmental Health & Safety Dept.), Broward County Natural Resources Division and the

Environmental Conservation Organization. In its 11th year, this district-wide challenge recognizes and rewards traditional and charter BCPS schools, teachers, students, non-instructional and custodial staff for their efforts to learn about and implement environmentally sustainable measures and green initiatives within their schools and communities. Stewards are recognized at an annual Awards Ceremony in May. Over \$130,000 in cash and prizes awarded.

www.browardschools.com/p3

Edible and Butterfly Gardens

Participating teachers in the PD are provided a comprehensive curriculum supplement for teaching health, science, language arts, mathematics and social studies through using a school garden. Gardening for Nutrition is one of many resources from Florida



that will be used and implemented to connect edible gardening with interdisciplinary instruction in the K-12 classroom. Curriculum sponsored by Florida Ag in the Classroom.

Broward PBL Portal @SciStarter

Provides opportunities for students to engage in projects with real-world relevance for learning. They can solve problems that are important to them and their communities. The Broward PBL Portal is the product of collaboration with SciStarter and Citizen Science. SciStarter is the place to find, join, and contribute to science by providing people with access to more than 2700 searchable formal and informal research projects & events.



Broward PBL Portal @ SciStarter

BCPS EcoGuide



New! BCPS environmental contests, programs, events, lesson plans, activities, contacts, field trips, resources and everything green!

<https://bit.ly/BCPSEcoGuide>

TEA Garden Food Forest

Technology Enabled Agriculture or TEA Garden Food Forest at BCPS is funded through a grant to educate students, teachers and their communities on how and why



they can sustainably grow edible food together in their neighborhoods. Integrating schoolyard edible gardening in classrooms, cafeterias and afterschool programs, the Broward TEA Garden Food Forest also incorporates exciting technology used in the agriculture industry, such as drones, sensors, artificial intelligence, and digital data collection and collaboration.

How Low Can You Go

In partnership with the Miami Heat, schools are challenged to find innovative ways to reduce energy consumption at each school campus in a 3-month period compared to the previous year. Recognized by the White House, NOAA, National Geographic, and the NBA during Green Week as a highly effective and innovative model to reduce energy and water consumption.



www.howlowcanyougochallenge.com

The SE Regional Envirothon

Annual environmental contest for high school students held at various Broward County parks sponsored by our partner, Environmental Conservation Organization (ECO). Students are tested in 5 universal categories: Aquatic Ecology, Current Environmental Issue, Forestry, Soil & Land Use, and Wildlife.



<https://www.eco-tan.org/envirothon>