The Green School Awards - the Florida Department of Education and a host of community partners recognized students, teachers, classes, schools and school districts 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.stml

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. 5 BCPS are designated as Green Apple schools – Orange Brook Elem., Pines Middle, Griffin Elem., Driftwood Middle and New River Middle. www.fldoe.org/schools/healthy-schools/green-schools.stml


NWF Habitat Stewards – Over 200 educators have been trained in a 5-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

Broward County Public Schools Applied Learning Dept.
600 SE Third Avenue, Ft. Lauderdale FL 33301
Dr. Lisa Milenkovic, STEM+CS Supervisor
browardstem@browardschools.com
STEM+CS Environmental Initiatives

Broward Youth Climate Summit
January 10, 2020, at The Museum of Discovery & Science, Fort Lauderdale, FL - in collaboration with the Broward County Environmental Planning and Community Resilience Division. The Youth Climate Summit provides a platform for students to advocate for policy change and gives students a voice for promoting environmental sustainability. Students attending the Summit have opportunities to share their climate action plans or projects and network with each other, elected officials and scientists working on sustainability issues.

P3 Eco-Challenge: Preserving Our Planet for Posterity - Partnership among BCPS (Applied Learning Dept., Environmental Health & Safety Dept., and Information and Technology Dept.), Broward County Environmental Planning and Community Resilience Division and the Environmental Conservation Organization. In its 8th 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. Over $100,000 in cash and prizes awarded. www.browardschools.com/p3

How Low Can You Go Challenge – 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 previous year’s. Over the past five years: -Over 220 schools registered, -Impact over 190,000+ people, -Reduced over 6,500,000 kWh, -Energy cost savings over $606,000, -Reduced CO2 emissions by 10,600,000 lbs., -Reduced water by 7,995,170 gallons, and -Water cost savings of $63,356. Recognized by the White House, National Geographic, NOAA and the NBA during Green Week as a highly effective and innovative model to reduce energy and water consumption. www.howlowcanyougochallenge.com

STEM in the Parks - an initiative between Broward County Parks and Applied Learning, STEM +CS to involve students in grades 6-8 in their local parks to engage in environmental curriculum while enriching their understanding of local environmental issues through project-based learning.

Edible 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 Agriculture in the Classroom 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.

The Food Recovery Program - a pilot initiative started at Beachside Montessori Village through a partnership between the school, BCPS Food & Nutrition Services, Kids Can and Broward Outreach to reduce food waste in the school cafeteria. Students are encouraged to donate leftover unopened, uneaten or unpeeled items from their lunch trays that they don’t want to eat. These collected foods are donated to a local food bank, which then distributes them to the community. This pilot program is being expanded to other BCPS (traditional) schools. www.browardschools.com/Page/450334

Broward PBL Portal @SciStarter - provides opportunities for students to engage in projects which provide 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 access to more than 2700 searchable formal and informal research projects & events.

Learning in Florida’s Environment (LIFE) is a model for science-based environmental education on public conservation lands. Each program represents a partnership between the Florida Dept. of Environmental Protection and a school district to bring students outdoors to learn science. Locally, it is part of the Friends of State Parks initiative. The LIFE Program is not a curriculum, but a process for reinforcing and enriching the existing curriculum through hands-on, field labs facilitated by educators, scientists, and land/resource managers.