

Resources for Teachers

(revised 2-8-10)

Everglades: "River of Grass" (MS & HS Option 1)

books

Grunwald, Michael. The Swamp: The Everglades, Florida, and the Politics of Paradise. Simon and Schuster, 2006.

Hammer, R. Everglades Wildflowers. Globe Pequot Press, 2002

Stoneman Douglas, Marjory. The Everglades: River of Grass, 50th Anniversary Edition. Pineapple Press, 1997

Environmental Debates (HS Option 6)

websites

Florida Forensic League <http://www.fairchildgarden.org/uploads/docs/Education/Challenge/2009/FFL%20Congress%20Manual.pdf> Student Manual

National Forensic League http://www.forensiconline.net/forum/local_links.php?catid=19&page=1 Coaching Guides

National Forensic League Manuals <http://www.nflonline.org/AboutNFL/LeagueManuals>

Art: Local Edible Plants (MS Option 5 & HS Option 7)

books

West, Keith. 2004. How to Draw Plants: The Techniques of Botanical Illustration. A & C Black Publishers Ltd.

Wunderlich, Eleanor. 1996. Botanical Illustration in Watercolor. Watson-Guption.

Ethnobotany (MS Option 7)

books

Alexiades, Miguel N., 1996. Selected Guidelines for Ethnobotanical Research: A Field Manual, The New York Botanical Garden, Bronx, NY.

Balik, Michael J. and Paul Alan Cox, 1997. Plants, People and Culture: The Science of Ethnobotany, Scientific American Library, New York.

Morton, Julia F., 1990. Wild Plants for Survival in South Florida, Fairchild Tropical Garden, Miami, FL

Paye, Gabriell DeBear, 2000. Cultural Uses of Plants: a guide to learning about ethnobotany, New York Botanical Garden Press, New York.

Tobe, John D. et al., 1998. Florida Wetland Plants; an identification manual, Florida Department of Environmental Protection, Tallahassee, FL

Environmental Action (MS Option 8 & HS Option 9)

websites

Action for Nature www.actionfornature.org

Alliance to Save Energy <http://www.ase.org/> Contains interdisciplinary lesson plans and activities that focus on lowering energy consumption in the home and throughout the school.

Conservation International www.conservation.org CI is a non-profit international conservation organization. Under their "Act" section, there are resources for calculating your carbon footprint, and living greener lives.

Do Something <http://dosomething.org/>

Dream in Green	http://dreaminggreen.org/	A county-wide program whose purpose is to reduce the carbon footprint of individuals, schools, and businesses. The "Greenometer" measures the progress towards lowering the school's carbon dioxide emissions. There are hands-on lessons that highlight energy conservation, efficiency, renewable energy, and the impact of greenhouse gas emissions on the ecosystem.
Earth Force	http://www.earthforce.org/	
Environmental Protection Agency Student Center	http://www.epa.gov/students/	Teacher resources including websites, lesson-plans, and background information to help teachers with their environmental topics.
Fairchild Tropical Botanic Garden Conservation	www.fairchildgarden.org/research/Conservation/Conservation.html	
Global Response Environmental Action and Education Network	http://www.globalresponse.org/	
Green Schools Initiative	www.greenschools.net	Parent-environmentalists who work to catalyze and support "Green" actions by students, teachers and policymakers to eliminate toxics, use resources sustainably, create green spaces and buildings, serve healthy food, and teach stewardship throughout the school system. Has good Earth Day suggestions.
ICUN - World Conservation Union	www.iucn.org	The world's oldest and largest global environmental network which works together with government, non-government, UN agencies, companies and local communities to develop and implement policy, laws and best practices.
Kids for Saving Earth	http://www.kidsforsavingearth.org/index_low.html	
Kilowatt Ours	http://www.kilowattours.org/	Film information and educator resources for the documentary "Kilowatt Ours, a plan to re-energize America".
Miami-Dade County – Environmentally Endangered Lands (EEL)	http://www.miamidade.gov/derm/program_EEL.asp	Information about the EEL in Miami-Dade County including a calendar with dates for volunteer opportunities and nature activities. Links for information about Florida ecosystems, landscaping, native plants and animals, and prohibited plant species. Information for pine rocklands, tropical hardwood hammocks, and much more!
Miami-Dade County Department of Environmental Resources Management	www.co.miami-dade.fl.us/derm	Links to various information about South Florida ecosystems, environment and natural resources.
National Service Learning Clearinghouse	http://www.servicelearning.org/resources-kids-and-teens	Resources to help kids and teens get involved in service learning.
NRDC Green Squad	http://www.nrdc.org/greensquad/default.htm	Interactive program to teach kids about their school's environmental quality.
One World Youth Project	http://www.oneworldyouthproject.org/	
Project Learning Tree GreenWorks!	http://www.plt.org/	A guide to help teachers partner with local organizations. Curriculum guides including forest ecology and issues such as municipal waste and biodiversity.
Project NEED	http://www.need.org/	Project National Energy Education Development (NEED) provides lessons on different aspects of energy from sources to conservation.
Roots and Shoots	http://www.rootsandshoots.org/	
School Energy Survey Questionnaire	http://www.eia.doe.gov/kids/classactivities/SchoolBuildingSurvey/intermediate.pdf	A thorough list of questions that students can ask about how energy efficient their school is and allow them to make recommendations based on their findings.
South Florida Water Management District	www.sfwmd.gov	Educational resources, public information, recreation information, and water conservation.
Stopglobalwarming.org	http://www.stopglobalwarming.org/sgw_classroom.asp	Tips for taking action against climate change in your home and school.
Team Wet Schools	http://www.wetcity.org/resources.htm	"Water education resources for urban educators"

Wildlife Conservation Society: Teens for Planet Earth	http://www.teensforplanetearth.org/	Social networking site for teens who want to help planet earth. It also has sections for adult advisors, grants and awards.
The Globe Project	www.globe.gov	Has great teachers' guide
U.S. Department of Energy	http://www.eere.energy.gov	Through their lessons, students can learn how energy works, how to conserve energy, and how renewable energy helps our environment and energy security.
Union of Concerned Scientists	www.ucsusa.org	
United States Geological Survey – Water Science for Schools	http://ga.water.usgs.gov/edu/	Offers information on many aspects of water, along with pictures, data, and maps.
Youth Service America	http://www.ysa.org/nysd/	
books		
Bossert, Heather and Joan Heckscher. <u>Learning through Environmental Action: The Community Action Model of Environmental Service Learning: A Guide for Educators</u> . Community Alliance for Youth Action, 1999.		
Collard, S. <u>Acting for Nature: What Young People Around the World Have Done to Protect the Environment</u> . Heyday Books, 2000.		
Drutman, A. and S. Zuckerman. <u>Protecting our Planet: Activities to Motivate Students to a Better Understanding of our Environmental Problems</u> . Good Apple, 1991.		
EPA. <u>Make a Difference in Your School: A How-to-Guide for Engaging Students in Resource Conservation and Waste Reduction</u> . 2006. Downloadable at: http://www.epa.gov/epawaste/index.htm		
Gates, J. <u>Consider the Earth: Environmental Activities for Grades 4-8</u> . Teacher Ideas Press, 1989.		
Lewington, Anna. <u>Plants for People</u> . Eden Books, 2004.		
Taking Action. <u>An Educator's Guide to Involving Students in Environmental Projects</u> . Protect Wild and World Wildlife Fund. 1995.		
The Earth Works Group <u>50 Simple Things Kids Can Do to Save the Earth</u> . Andrews and McMeel, 1990.		
School Garden/Habitat Restoration (MS Option 9 & HS Option 10)		
websites		
American Horticultural Society	http://www.ahs.org/youth_gardening/index.htm	Youth Gardening
California School Garden Network	http://www.csgn.org/index.php	
Chicago Botanic Garden	http://www.chicagobotanic.org/schoolgarden/index.html	School Gardening
Florida Fish and Wildlife Conservation Commission	http://myfwc.com/educator/schoolya.html	Schoolyard Wildlife Project
Florida-Friendly Landscaping	http://www.floridayards.org/landscape/index.php	Florida Friendly Landscaping provides downloadable resources to help you create a Florida-friendly school garden.
Garden Mosaics	www.gardenmosaics.cornell.edu	
Institute of Regional Conservation	http://regionalconservation.org/beta/nfyn/plantlist.asp	Natives for Your Neighborhood. Native plant lists generated by zipcodes.
Junior Master Gardener	http://www.jmgkids.us/	
National Gardening Association	http://www.kidsgardening.com/	Additional Garden Grant Opportunities, Kids Gardening
National Wildlife Federation	http://www.nwf.org/gardenforwildlife/	Garden for Wildlife
North American Butterfly Association	www.naba.org	
Outdoor Classroom	http://www.outdoorclassroom.org/	

School Garden Wizard	http://www.schoolgardenwizard.org/	
Slow Food in Schools	http://www.slowfoodusa.org/index.php/programs/details/in_schools/	
South Florida Plant Species and Habitat Conservation at Fairchild	http://www.fairchildgarden.org/centerfortropicalplantconservation/speciesandhabitatconservation/	
The Earth Box Growing System	http://www.earthbox.com/education/	
The Edible Schoolyard	http://www.edibleschoolyard.org/homepage.html	
The Food Project	http://thefoodproject.org/food-project-toolbox	The toolbox on this site has good resources about local food and connecting students with where their food comes from.
The Schoolyard Ecology Leaders Handbook	http://www.ecostudies.org/syefest/appen1main.htm	
UF/IFAS Electronic Data Information Source	http://edis.ifas.ufl.edu/topic.html	
books		
Cronin-Jones, Linda. <u>The Schoolyard Wildlife Activity Guide</u> . Non-game Wildlife Program Florida Game and Freshwater Fish Commission. 1992.		
Dole, Claire. <u>The Butterfly Gardener's Guide</u> . Brooklyn Botanical Garden, 2007.		
Ellis, B. <u>Attracting Birds and Butterflies</u> . Houghton Mifflin, 1997.		
Gale, G. <u>Growing Together: A Guide for Building Inspired, Diverse, and Productive Youth Communities</u> . The Food Project, Lincoln, MA.		
Gifford, A. <u>Steps to a Bountiful Kids Garden</u> . National Gardening Association, 2001.		
Grant, T. and Littlejohn, G. <u>Greening School Grounds: Creating Habitats for Learning</u> . Green Teacher, 2001.		
Hannemann, M. et al. <u>Gardening with Children</u> . Brooklyn Botanical Garden, 2007.		
Huegel, C. <u>Butterfly Gardening with Florida's Native Plants</u> . Florida National Park Service, 1991.		
Jaffe, R. and G. Appel. <u>The Growing Classroom: Garden Based Science</u> . Life Lab, Santa Cruz, CA.		
Johnson, K. and M. Bjornson. <u>The Chicago School Garden Initiative: A Collaborative Model for Developing School Gardens that Work</u> . Chicago Botanic Garden, 2003.		
Kiefer, J. and M. Kemple. <u>Digging Deeper: Integrating Youth Gardens into Schools and Communities</u> . Common Roots Press, 1998.		
Life Lab Science Program. <u>Getting Started: A Guide for Creating School Gardens as Outdoor Classrooms</u> . The Center for Ecoliteracy, Berkeley, CA.		
Mannes, J and M. Rehnes. <u>Seeds of Change: Learning from the Garden</u> . Dale Seymour Publications, 2001.		
Minno, M and M. Minno <u>Florida Butterfly Gardening</u> . University Press of Florida, 1999.		
Oscone, L. and E. Pranis. <u>The National Gardening Association Guide to Kid's Gardening: A Complete Guide for Teachers, Parents and Youth Leaders</u> . John Wiley & Sons, 1990.		
Pranis, E. and J. Cohen. <u>GrowLab: Activities for Growing Minds</u> . National Gardening Association, 1997.		
Pranis, E. and J. Hale. <u>GrowLab: The Complete Guide to Gardening in the Classroom</u> . National Gardening Association, 2006.		
Richardson, Beth. <u>Gardening with Children</u> . Taunton Press, 1998.		
Schaefer, J. and G. Tanner. <u>Landscaping for Florida's Wildlife</u> . University of Florida, 1997.		
Seagraves, R., L. Whittlesey, et al. <u>Junior Master Gardener Handbook</u> . JMGKids, 1999.		
Stephens, James M. <u>Vegetable Gardening in Florida</u> . Gainesville: University Press of Florida		
Traas, P. <u>Gardening for Florida's Butterflies</u> . Great Outdoors Publishing, 2001.		
White, J. et al. <u>Math in the Garden</u> . National Gardening Association, 2006.		

News Video (MS Option 10 & HS Option 11)

websites

US Dept. of Justice: National Institute of Justice

<http://www.ojp.usdoj.gov/nij/topics/courts/restorative-justice/marketing-media/psa.htm>

tips on PSAs