

Challenge Resources for Teachers

Conservation/Environmental Action

Books

Bossert, Heather and Joan Heckscher. *Learning Through Environmental Action: The Community Action Model of Environmental Service Learning: A Guide for Educators*. Community Alliance for Youth Action, 1999.

Collard, S. *Acting for Nature: What Young People Around the World Have Done to Protect the Environment*. Heyday Books, 2000.

Drutman, A and S. Zuckerman. *Protecting our Planet: Activities to Motivate Students to a Better Understanding of our Environmental Problems*. Good Apple. 1991.

EPA. *Make a Difference in Your School: A How-to Guide for Engaging Students in Resource Conservation and Waste Reduction*. 2006. Downloadable at <http://www.epa.gov/epaoswer/education/mad.htm>.

Gates, J. *Consider the Earth: Environmental Activities for Grades 4-8*. Teacher Ideas Press, 1989.

Lewington, Anna. *Plants for People*. Eden Books, 2004.

Taking Action, An Educator's Guide to Involving Students in Environmental Projects. Project Wild and World Wildlife Fund. 1995.

Websites

www.fairchildgarden.org – Links to education programs, plant collections, events, the Center for Tropical Plant Conservation, the Virtual Herbarium, the Guide to Palms, and other information.

www.centerforplantconservation.org/peril/perilmnu.html - 'Plants in Peril'. A guide to exploring biodiversity and rare native plant conservation for middle school educators.

www.conservation.org – Conservation International

www.edenproject.com/education/index.html - the Eden Project education pages. Look at the biome sections under the horticulture tab to find how plants from all different biomes are used to produce economic goods.

www.globalgreen.org/ - Global Green, learn more about the green building initiative, including a 'Green School Initiative'. Also has extensive information about political initiatives to conserve water, recycle, and provide clean transportation.

www.net.org/ - National Environmental Trust. Includes green editorials and opinion articles and updates on environmental policy for issues including clean air, global warming, energy, forests, oceans and marine life, environmental health, and fuel economy. There is also an extensive list of additional resources and podcasts.

www.plt.org – Project Learning Tree and GreenWorks Guide, a guide to help teachers partner with local organizations. Curriculum guides including forest ecology and issues, municipal solid waste and biodiversity.

www.thegreenguide.com/doc/119/calculator - National Geographic's guide on how to reduce your carbon footprint in every room of your house. Also includes ideas for green shopping.

Native Plants and Ecosystems

Books

Austin, D. *Coastal Hammock and Mangrove Guide*. Gumbo Limbo Nature Center, 1997.

Austin, D. *Pine Rockland Plant Guide: A field guide to the plants of South Florida's Pine Rockland Community*. Department of Environmental Resource Management (DERM). (* A free copy can be requested from Tiffany Smith at DERM)

Gann, George D. *Rare Plants of South Florida: Their history, conservation and restoration*. Miami, FL: Institute for Regional Conservation, 2002.

Haehle, R. and J. Brookwell. *Native Florida Plants: Low Maintenance Landscaping and Gardening*. Taylor Trade Publishers, 2004.

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

Myers, Ronald L., and John J. Ewel, eds. *Ecosystems of Florida*. University Press of Florida, 1990.

Osorio, R. *A Gardener's Guide to Florida's Native Plants*. University Press of Florida, 2001.

Taylor, W. *Florida Wildflowers in their Natural Communities*. University Press of Florida, 1998.

Tobe, John D., ed. *Florida Wetland Plants: An Identification Manual*. University Press of Florida, 1998.

Websites

http://myfwc.com/educator/friendly_activities.htm - Florida Wildlife Commission. FCAT Style Activities for Schoolyard Wildlife Activity Guide and Water Resource pack.

www.fnps.org – Florida Native Plant Society

www.co.miami-dade.fl.us/derm/ecosystems.asp - Miami-Dade DERM, great information about local ecosystems, endangered lands, and endangered species.

www.miamidade.gov/derm/pine_rocklands.asp - DERM page on pine rocklands

<http://fl.water.usgs.gov/Miami/pineland/> - Pine Rockland Working Group

www.regionalconservation.org – Institute for Regional Conservation, suggestions for plants in local areas around Miami-Dade and a floristic inventory of South Florida. You must register to use the plant database but membership is free.

www.sfwmd.gov – South Florida Water Management District. Educational resources, public information, recreation information, and water conservation.

www.afnn.org – Association of Florida Native Nurseries

www.nappc.org/curriculum/intro.php - North American Pollinator Protection Campaign.

Includes modules of different activities to do with students in your school garden or outside areas.

School Gardening

Books

Cronin-Jones, Linda. *The Schoolyard Wildlife Activity Guide*. Non-game Wildlife Program Florida Game and Freshwater Fish Commission. 1992.

Gale, G. *Growing Together: A Guide for Building Inspired, Diverse, and Productive Youth Communities*. The Food Project, Lincoln, MA.

Gifford, A. *Steps to a Bountiful Kids Garden*. National Gardening Association, 2001.

Grant, T. and Littlejohn, G. *Greening School Grounds: Creating Habitats for Learning*. Green Teacher, 2001.

Hannemann, M. et al. *Gardening with Children*. Brooklyn Botanical Garden, 2007.

Jaffe, R. and G. Appel. *The Growing Classroom: Garden Based Science*. Life Lab, Santa Cruz, CA.

Johnson, K. and M. Bjornson. *The Chicago School Garden Initiative: A Collaborative Model for Developing School Gardens that Work*. Chicago Botanic Garden, 2003.

Kiefer, J. and M. Kemple. *Digging Deeper: Integrating Youth Gardens into Schools and Communities*. Common Roots Press, 1998.

Life Lab Science Program. *Getting Started: A Guide for Creating School Gardens as Outdoor Classrooms*. The Center for Ecoliteracy, Berkeley, CA.

Mannes, J and M. Rehnes. *Seeds of Change: Learning from the Garden*. Dale Seymour Publications, 2001.

Oscone, L. and E. Pranis. *The National Gardening Association Guide to Kid's Gardening: A Complete Guide for Teachers, Parents and Youth Leaders*. John Wiley & Sons, 1990.

Pranis, E. and J. Hale. *GrowLab: The Complete Guide to Gardening in the Classroom*. National Gardening Association, 2006.

Pranis, E. and J. Cohen. *GrowLab: Activities for Growing Minds*. National Gardening Association, 1997.

Richardson, Beth. *Gardening with Children*. Taunton Press, 1998.

Seagraves, R., L. Whittlesey, et al. *Junior Master Gardener Handbook*. JMGKids, 1999.

White, J. et al. *Math in the Garden*. National Gardening Association, 2006.

Websites

www.kidsgardening.com/grants.asp - Youth garden grants

www.ahs.org/youth_gardening/index.htm - American Horticultural Society Youth Gardening

www.csgn.org/index.php - California School Garden Network

www.chicagobotanic.org/schoolgarden/index.php - Chicago Botanic Garden

www.gardenmosaics.cornell.edu/ -Garden Mosaics, Cornell University

<http://myfwc.com/educator/schoolya.html> - Florida Schoolyard Wildlife Project: Effective Outdoor Classrooms

www.imgkids.us/ - Junior Master Gardener

www.kidsgardening.com/ - National Gardening Association – Kids Gardening

www.nwf.org/schoolyard/ - National Wildlife Federation – Schoolyard Habitats

www.schoolgardenwizard.org/ - School Garden Wizard, Chicago Botanic Garden

www.edibleschoolyard.org/homepage.html - The Edible School Yard Project

www.thefoodproject.org/ -“social change through sustainable agriculture”

www.ecostudies.org/syefest/appen1main.htm - Schoolyard Ecology Leaders Handbook

<http://hort.ifas.ufl.edu/ggk/index.htm> - University of Florida site on school gardening

Butterfly Gardening

Dole, Claire. *The Butterfly Gardener's Guide*. Brooklyn Botanical Garden, 2007.

Ellis, B. *Attracting Birds and Butterflies*. Houghton Mifflin, 1997.

Huegel, C. *Butterfly Gardening with Florida's Native Plants*. FNPS, 1991.

Minno, M. and M. Minno. *Florida Butterfly Gardening*. University Press of Florida, 1999.

Schaefer, J. and G. Tanner. *Landscaping for Florida's Wildlife*. University of Florida, 1997.

Traas, P. *Gardening for Florida's Butterflies*. Great Outdoors Publishing, 2001.

www.naba.org – North American Butterfly Association

www.miamiblue.org – Dade Chapter of NABA

www.browardbutterflies.org – Broward Chapter of NABA

Educator Supplies

www.kidsgardeningstore.com - National Gardening Association. 800.538.7476

www.acornnaturalists.com - Acorn Naturalists. 800.422.8886

www.museumproducts.net - Museum Products. 800.395.5400