Education for Sustainability Summer Institute 2011: K-5 & Teacher Resources

Roxanne Spencer and Dr. Jeanine Huss, WKU

Title	Author
365 Nature Crafts & Activities	Karen E. Bledsoe, Candyce Norvell, et al
A River Ran Wild	Lynne Cherry
A Sense of Place	Daniel A. Kreisberg
Ant Homes Under the Ground	GEMS
Aquatic Habitats	GEMS
Barbapapa	Annette Tison and Talus Taylor
Barbapapa's Ark	Annette Tison and Talus Taylor
Beast Feast	Douglas Florian
Bing, Bang, Boing	Douglas Florian
Biodiversity: Can we balance resource conservation with economic growth?	
Boat Book	Gail Gibbons
Buzzing a Hive	GEMS
City Beats: A Hip-Hoppy Pigeon Poem	S. Kelly Rammell/Illus. by Jeanette Canyon
City Kids and City Critters!	Janet Wier Roberts and Carole Huelbig
Consider the Earth, Environmental Activities for Grades 4-8	Julie M. Gates
Creepy Crawlies and the Scientific Method	Sally Kneidel
Crinkleroot's Guide to Knowing Butterflies and Moths	Jim Arnosky
Discovering the Naturalist Intelligence: Science in the School Yard	Jenna Glock, Susan Wertz, and Maggie Meyer
Down to Earth, Garden Secrets, Garden Storeies, Garden Projects You Can Do	Michael J. Rosen
Dry Longso	Virginia Hamilton
Earth Day Birthday	Pattie Schnetzler/Illus. by Chad Wallace
Earth, Moon, and Stars	GEMS
Ecoart! Earth Friendly Art & Craft Experiences for 3-9 year olds	Laurie Carlson
Elephants and their Young	GEMS
Environmental Detectives	GEMS
Flowers	Scholastic
Forest Explorer A Life-Size Field Guide	Nic Bishop
Frog Math: Predict, Ponder, Play	GEMS
Global Warming & the Greenhouse Effect	GEMS
Go Wild in New York City	Brad Matsen/Illus. by Paul Corio
Good Earth Art, Environmental Art for Kids	MaryAnn F. Kohl and Cindy Gainer
Greening School Grounds, Creating Habitats for Learning	Tim Grant and Gail Littlejohn

Hand-Print Animal Art	Carolyn Carreiro
Hey, Little Ant	Phillip and Hannah Hoose/Illus. by Debbie Tilley
Hide a Butterfly	GEMS
How to Draw Insects	Barbara Soloff Levy
In The Swim	Douglas Florian
Insectigations, 40 Hands-on Activities for Explore the Insect World	Cindy Blobaum
Insectlopdeia	Douglas Florian
Invasion Ecology, Teacher's Guide	Marianne E. Krasny
It's an Ant's Life	Steve Parker
John Dever's Take Me Home, Country Roads	Christopher Canyon
Ladybugs	GEMS
Last Child in the Woods	Richard Louv
Learning from the Land	Brain "Fox" Ellis
Living with a Star	GEMS Teacher's Guide
Living with Nature: Cooking for Biodiversity	American Museum of Natural History
Making a Difference in the World	Lynne Cherry
Mother Opossum and Her Babies	GEMS
Nature Printing, The Ogden Nature Center	Sterling/Chapelle
Nature Projects for Preschoolers	Judy Nayer
Nature's Art Book	Laura C. Martin/Illus. by David Cain
On Sandy Shores	GEMS
On The Wing	Douglas Florian
One Makes the Difference	Julia Butterfly Hill
Only One Ocean, Marine Science Activities for Grades 5-8	GEMS
Penguins and Their Young	GEMS
Recycle! A Handbook for Kids	Gail Gibbons
Rufus Recycles Trash!	Michel Fuzellier
Save the Earth: An Ecology Handbook for Kids	Betty Miles/Illus. by Claire A. Nivola
Schoolyard Ecology	GEMS
Sharks	Gail Gibbons
Snug as a Bug	Michael Elsohn Ross
Stand Up!	John McCutheon
Teaching About Climate Change, Cool Schools Tackle Global Warming	Tim Grant & Gail Littlejohn
Teaching Green The Elementary Years, Hands on Learning in Grades K-5	Edited by Tim Grant and Gail Littlejohn
Teaching Green The Middle Years, Hands-on Learning in Grades 6-8	Tim Grant & Gail Littlejohn
Terrarium Habitats	GEMS
The Armadillo from Amarillo	Lynne Cherry
The Big Book for Our Planet	Ann Durrell, Jean Craighead George, Kathreine Paterson

The Big Book for Peace	Ann Durrell and Marilyn Sachs
The Geography of Childhood	Gary Paul Nabhan & Stephen Trimble
The Journey, Stories of Migration	Cynthia Rylant
The Kid's Nature Book: 365 Indoor/Outdoor Activities and Experiences	Susan Milord
The Pillbug Project, A Guide to Investigation	Robin Burnett
The Pottery Place	Gail Gibbons
The Real Reasons for Seasons Sun-Earth Connections Grades 6-8	GEMS
The Wonderful World of Wigglers	Julia Hand
There's a Hair in My Dirt, a Worm's Story	Gary Larson
Tree Homes	GEMS
Under One Rock: Bugs, Slugs and other Ughs	Anthony D. Fredericks
Understanding Garbage and Our Environment	Terrific Science Press
Who Pooped in the Park?	Gary D. Robson
Worms Eat My Garbage	Mary Appelhof
3 Little Pigs	Illustration by Karen M. Reilly
A Chair for My Mother	Vera B. Williams
A Slug's Life	John Himmelman
Amelia's Road	Linda Jacobs Altman and Erique O. Sanchez
Apples and Pumpkins	Anne Rockwell/Illus. Lizzy Rockwell
Are Trees Alive?	Debbie S. Miller/Stacey Schuett
Are You a Spider?	Juday Allen and Tudor Humphries
Be Yourself: Little Penguin	Catherine Samuel/Illus. by Joe Ewers
Bugs are Insects (2 copies)	Ann Rockwell/Illus. by Steve Jenkins
Bugsy Bugs: A Book About Patterns (2 copies)	Jayne Harvey/Illus. by Bernard Adnet
Corn is Maize: The Gift of the Indians	Aliki
Coyote	Gerlad McDermott
Crab Moon	Ruth Horowitz/Illus. by Kate Kiesler
Daddy Kisses	Anne Gutman and Georg Hallensleben
Goldilocks and the Three Bears	Caralyn Buchner and Mark Buchner
Grandma Elephant's in Charge	Martin Jenkins/Illus. by Ivan Bates
Growing Vegetable Soup	Louis Ehlert
Guess Who's in the Jungle	Naomi Russell
Habitats	Pamela Hickman
Have You Seen My Cat?	Eric Carle
How the Stars Fell into the Sky	Jerrie Oughton/Illus. by Lisa Desimini
I See	Helen Oxenbury
Kipper's A to Z: An alphabet adventure	Mick Inkpen
Life Cycles: Caterpillar to Butterfly	Sally Hewitt

Magnetism: Experimenting with Science	Antonella Meiani
Market Day	Lois Ehlert
Mister Seahorse	Eric Carle
Monarch Butterfly	David M. Schwartz/Dwight Kuhn
Mosquito Bit	Alexandria Siy and Dennis Kunkel
Old MacDonald	Rosemary Wells
Oodles of Animals	Louis Ehlert
Out of the Ocean	Debra Frasier
Pancakes for Breakfast	Tomie DePaola
Peter's Chair	Ezra Jack Keats
Raven: A Trickster Tale From the Pacific Northwest	Gerlad McDermott
Snake!	Maureen Haughton
Tadpole to Frog	Sally Hewitt
Tell Me a Season	Mary McKenna Siddals/Illus. by Petra Mathers
The Fall of Freddie the Leaf	Leo Buscaglia, Ph.D.
The Legend of Indian Paintbrush	Tomie dePaola
The Life and Times of the Ant	Charles Micucci
The Tiny Seed	Eric Carle
The Very Clumsy Click Beetle	Eric Carle
The Very Hungry Caterpillar	Eric Carle
The Very Lonely Firefly	Eric Carle
They Very Busy Spider	Eric Carle
Three Little Pigs	Richard Johnson
To Be Like the Sun	Susan Marie Swanson and Margaret Chodo-Irvine
Uptown	Bryan Collier
Waiting of Wings	Lois Ehlert
Water: Experimenting with Science	Antonella Meiani
Weather with step-by-step projects for the young scientist	Sally Hewitt
Winter Trees	Carole Gerber/Illus. by Leslie Evans

Additional Resources

Applin, M. B. (2009). Building a sustainability collection: A selected bibliography. *Reference Services Review, 37*(3), 313-325. Reprinted in *Mississippi Libraries* (Winter 2009), 73(4), 92-98. Retrieved from WilsonWeb.

Cesari, L. (2009, August). Going green. *School Library Journal, 55*(8), 40-44. Retrieved from WilsonWeb.

Engberg, G. Top ten books on the environment for youth: 2010. *Booklist, 106*(12), 84. Retrieved from http://www.booklistonline.com/ProductInfo.aspx?pid=4003443

EPA: Students and Sustainability: http://www.epa.gov/greenkit/student.htm

Globe Program: http://classic.globe.gov/?lang=en

Invention Convention: http://www.eduplace.com/science/invention/

Lawrence Hall of Science: Great Explorations in Math and Science (LHS GEMS): www.lhsgems.org/

Leeper, A. (2009, October). Classroom connections: Saving the Earth—one book at a time. *Booklist Book Links*. Retrieved from http://www.booklistonline.com/ProductInfo.aspx?pid=3810703

NAAEE Lesson Plans: http://eelink.net/pages/Lesson+Plans

Nash, R. (1976). Logs, universities, and the environmental education compromise. In Robert Martlett (ed.). *Issues in Environmental Education II* (pp. 10-18). *ERIC/SMEAC Bulletin,* 1976. ED 135 665. Reprinted in Disinger, J. F. (1983). Environmental education's definitional problem. *ERIC/SMEAC Bulletin*. Retrieved from www.cnr.uidaho.edu/css487/EE_Definitional_Problem.pdf

National Geographic Education: http://education.nationalgeographic.com/education/teaching-resources/

Resources for College Libraries. RCLWeb. www.rclweb.net/

Seaman, D. (2010, February 15). Top ten books on the environment: 2010. *Booklist, 106*(12). 28. Retrieved from http://www.booklistonline.com/ProductInfo.aspx?pid=4003470

Stapp, W., et al. (1969). The concept of environmental education. *Journal of Environmental Education, 1*(1), 31. Retrieved from www.cnr.uidaho.edu/css487/The_Concept_of_EE.pdf

Sustainable Development and Africa s Wildlife Reserves http://www.nationalgeographic.com/xpeditions/lessons/16/g912/sustdevafrica.html

Sustainable Table: http://www.sustainabletable.org/schools/teachers/

UNESCO. (n.d.). Education for Sustainable Development website. www.unesco.org/en/esd/publications/

UNESCO. (2006, February-May). Educating for tomorrow's world. Education Today: The Newsletter of UNESCO's Education Sector, 16. Retrieved from unesdoc.unesco.org/images/0014/001444/144403E.pdf

UNESCO. (2006). Education for sustainable development toolkit. United Nations Decade of Education for Sustainable Development (2005-2014). Retrieved from unesdoc.unesco.org/images/0015/001524/152453eo.pdf

UNESCO. Teaching and learning for a sustainable future: www.unesco.org/education/tlsf/

U. S. Green Schools Foundation: http://www.usgreenschools.org/educators_sustainability.html

Ward, B. A., & Day, D. (2010, June). Classroom connections: Preserving the environment. *Booklist Book Links*. Retrieved from http://www.booklistonline.com/ProductInfo.aspx?pid=4249141

Western Kentucky University's Center for Environmental Education and Sustainability. www.wku.edu/cees

Core Titles in Environmental Education and Sustainability

Burchsted, S., & Byrne, J. M. (2002). Shaping our future facilitators guidebook. Shelburne, VT: Foundation for Our Future.

Colby, A., Ehrlich, T., Beaumont, E., Stephens, J. (2003). Educating citizens: Preparing America's undergraduates for lives of moral and civic responsibility. San Francisco: Jossey-Bass.

Corcoran, P. B., & Wals, A. (eds.). (2004). Higher education and the challenge of sustainability: Problematics, promise and practice. Dordrecht, Netherlands: Kluwer Academic Publishers.

Huckle, J., & Sterling, S. R. (eds.). (2001). Education London: Earthscan Publications Limited.

Jacobs, H. H. (ed.). (2010).Curriculum 21: Essential education for a changing world.

Keniry, J. (1995). Advancing ecodemia: Campus environmental stewardship at the turn of the 21st century. National Wildlife Federation.

Orr, D. W. (2004). Earth in mind: On education, environment, and the human prospect. Washington, D.C.: Island Press

Orr, D. W., Stone, M. K., Barlow, Z., and Capra, F. (2005). Ecological literacy: educating our children for a sustainable world. San Francisco: Sierra Club Books.

Senge, P. M., Laur, J., Schley, S., Smith, B. (2008). The necessary revolution: How individuals and organizations are working together to create a sustainable world. New York: Doubleday.

Stone, M. K. Smart by nature: schooling for sustainability. Berkeley: Center for Ecoliteracy.

Wheeler, K. A., & Hulbert, S., Schaefer, M., Wacey, C. (1996). Education for sustainability: An agenda for action. Washington, D.C.: U.S. Government Printing Office.

Selected Periodicals

- *Green Teacher*. www.greenteacher.com
- Yes! www.yesmagazine.org/
- *Journal of Education for Sustainable Development*. jsd.sagepub.com/
- *Journal of Sustainability Education.* www.journalofsustainabilityeducation.org/wordpress/

Children's magazines with environmental content

- *National Geographic for Kids*
- *Appleseeds*
- *Click*
- *Kids' Discover*
- *Cricket*
- *Muse*
- *Ranger Rick*
- *Dig*
- *Odyssey*

Journals

- *Environment, Development and Sustainability*. www.springerlink.com/content/1387-585X
- *International Journal of Sustainable Development and Planning.* journals.witpress.com/pages/jsus/default.asp
- *International Journal of Sustainable Development & World Ecology.* www.tandf.co.uk/journals/titles/13504509.asp
- *International Journal of Sustainability in Higher Education*. www.emeraldinsight.com/journals.htm?issn=1467-6370
- *The International Journal of Environmental, Cultural, Economic and Social Sustainability.* onsustainability.com/journal/
- *Mother Pelican: PelicanWeb's Journal of Sustainability Development*. pelicanweb.org/
- *Sustainability*. www.mdpi.com/journal/sustainability

*The online resources and articles listed are from an article originally published in the journal *Against the Grain*:

Spencer, R. M. (December 2010-January 2011). K-12 environmental education resources. *Against the Grain, 22*(6), 34-38.