



A Compilation of Resources by Participants and Instructors July 15 – August 13, 2008

Note: This list represents the collaborative generation of a list of resources from participants and instructors attending any of the Going Green workshops the summer of 2008. The resources were added to the list by participants without criteria or review.

Related Ministry of Education Documents

Working Group on Environmental Education. June 2007. Shaping Our Schools, Shaping Our Future. 21 pp.

<http://www.edu.gov.on.ca/curriculumcouncil/shapingSchools.pdf>

- Report includes the 32 recommendations on EE accepted by the Minister of Education.

Ministry of Education. 2007. Ready, Set, Green! 59 pp.

<http://www.edu.gov.on.ca/eng/document/policy/readySetGreen.pdf>

- 'tips, techniques, and resources from Ontario educators.' A source of successful strategies and resources. Watch for a new version online soon.

Ministry of Education. 2008. Environmental Education Scope and Sequence of Expectations. 41 pp.

<http://www.edu.gov.on.ca/eng/curriculum/elementary/environ18curr.pdf>

- Systematically lists curriculum links for EE to all subject areas in all grades from grades 1-8.

Ministry of Education. 2008. Standards for Environmental Education in the Curriculum.

http://www.edu.gov.on.ca/curriculumcouncil/Env_Ed_Standards.pdf

- A 2 page guide intended for writers of the revised curriculum.

Ministry of Education. 2007. Shaping Our Schools news release.

http://ogov.newswire.ca/ontario/GPOE/2007/06/22/c8204.html?lmatch=&_e.html

EE Research

Louv, R. 2005. Last Child in the Woods. Saving our Children from Nature Deficit Disorder. Algonquin Books of Chapel Hill. Chapel Hill. 323 pp.

- *A very readable overview of the impacts of the disconnect between humans and nature. A revised/ updated version is now available.*

Foster, A. and G. Linney. 2007. Reconnecting Children Through Outdoor Education. A Research Summary. The Council of Outdoor Educators of Ontario. 79 pp.

- Excellent summary of fully cited research on the benefits of outdoor education written for an Ontarian audience. For ordering go to the COEO website: <http://www.coeo.org/news.htm> (\$10/ copy).

Lieberman, G. A., & Hoody, L. L. (1998). Closing the Achievement Gap: Using the Environment as an Integrating Context for Learning. San Diego: State Education and Environment Roundtable.

- Download the full report at <http://meera.snre.umich.edu/reports-and-case-studies/browse/closing-the-achievement-gap-using-the-environment-as-an-integrating-context-for-learning/> OR order a hardcopy of the report from their website: <http://www.seer.org/orderform.html> OR mailing address, State Education and Environment Roundtable, 16486 Bernardo Center Drive, Suite 928, San Diego, CA 92128. Phone: 619-676-0272. Fax: 619-676-1088 (\$21.17/ copy).

Biodiversity Reference

Biodiversity Science Assessment Team. 1994. Biodiversity in Canada. A Science Assessment. Environment Canada. 245 pp.

- A chapter by chapter analysis of the stressors on Biodiversity. A fairly academic writing style.

Gonick, L. and A. Outwater. 1996. The Cartoon Guide to the Environment. Harper Resource. New York. 230 pp.

- Solid ecological concepts explained in a cartoon format. Not a comic book story, but an informative chapter-based book using humour and illustration.

Ontario Ministry of Natural Resources. 2007. OMNR's Biodiversity website.

http://www.mnr.gov.on.ca/en/STEL02_164536.html

- Information and links about species at risk, the Ontario Biodiversity strategy, and more.

Reaka-Kudla, M. L., D. E. Wilson, and E. O. Wilson. 1997. Biodiversity II Understanding and Protecting Our Biological Resources. Joseph Henry Press. Washington. 551 pp.

- A sequel to Wilson's 1988 book, Biodiversity. An update to an academic text.

Wilson, E. O. (ed.) 1988. Biodiversity. National Academy Press. Washington. 521 pp.

- Academic treatment of biodiversity characteristics, issues, and possible solutions. Very complete, appropriate for a reader looking for a detailed treatment.

Wilson, E. O. 1992. *The Diversity of Life*. W. W. Norton. New York. 424 pp.
- A very readable popular science treatment by a leading authority. Great examples, informative figures, illustrations, and colour photographs. 'If you only read one book on biodiversity...'

Wilson, E. O. 2002. *The Future of Life*. Alfred A. Knopf. New York. 230 pp.
- Another popular science book by the two time Pulitzer winning scientist. A call to rescue biological heritage and a plan to accomplish this.

Biodiversity Video Clips

http://www.bmu.de/english/nature/un_conference2008/content/40858.php

- 'Commercial'-length piece of a bird flock morphing into an elephant.

Convention on Biological Diversity.

<http://www.unep.org/newscentre/default.asp?ct=animations>

- Biodiversity summary and international policy. Produced for public awareness by the UN Convention on Biological Diversity's 2010 target.

<http://www.youtube.com/watch?v=R5l8iUNbLrI>

- Greenpeace alien invasion commercial spot. Includes an economic value of ecosystems goods and services.

Hike Resources & Nature Appreciation

Van Matre, S. and B. Weiler. 1983. *The Earth Speaks*. The Institute for Earth Education. Warrenville. 190 pp.

- Short readings from dozens of authors and environmentalists. (The Institute for Earth Education, Box 288, Warrenville, Illinois 60555, USA)

Hoessle, K. and S. Van Matre. 1980. *Earth Magic. Acclimatization Walks for a Sensory Encounter with the Natural World*.

- Series of cards, each with an activity that can be done outside, can be used singly or arranged in a series for a hike. (Acclimatization Experiences Institute, Box 288, Warrenville, Illinois 60555, USA)

Meyer, K. 1989. *How to Shit in the Woods*. 10 Speed Press. Berkeley. 108 pp.

- The title... literally! "An environmentally sound approach to a lost art." What to do when you can't dig a hole, packing it out, and womens' bodily functions in the wild.

Mitchell, J. and the Massachusetts Audubon Society. 1978. *The Curious Naturalist*. Prentice Hall. Englewood Cliffs.

- "A handbook of crafts, games, activities, and ideas for teaching children about the magical world of nature." No page numbers, just lots of illustrations, facts, and ideas! (e.g. how to make an aquarium, identifying life on a log)

Sisson, E. A. 1982. *Nature with Children of All Ages*. Prentice-Hall. Englewood Cliffs. 196 pp.

- "Activities & adventures for exploring, learning and enjoying the world around us." Includes an introductory chapter of "Tips and techniques for teaching out-of-doors".

Green Living

Chiras, D. 2005. EcoKids. Raising Children Who Care for the Earth. New Society Publishers. Gabriola Island. 232 pp.

- Intended as a guide for parents, but easily applicable to teachers. How to address issues intended to change the world one child at a time: E values, love of nature, affluenza, etc.

Deacon, G. 2008. Green for Life. 200 Simple Eco-Ideas for Every Day. Penguin. Toronto. 266.

- 30 "how to" chapters that include Canadian sources for services, products, and ways of doing things.

Vasil, A. 2007. Ecoholic. Vintage Canada. 346 pp.

- "your guide to the most environmentally friendly information, products, and services in Canada". Includes lots of DIY ideas (e.g. a recipe for toothpaste!)

Enviro- Social Justice

Keilburger, C. and M. Keilburger. 2004. Me to We. J. H. Wiley & Sons. Toronto. 308 pp.

- The authors "share a blueprint for personal and social change that has the power to transform lives one act at a time"

Canadian Centre for Policy Alternatives. 2007. Math That Matters.

- Lesson plans for elementary mathematics that incorporates social issues.

Integration Resources

Pegis, J. M. (editor) 1993. Getting it all Together. Curriculum integration in the Transition Years. The Metropolitan Toronto School Board. 136 pp.

- How-to information, models, samples, A & E, and examples.

Children's Literature

Broadie Cook, L. and A. McCauley. 2003. When Will it Snow? Scholastic Inc. New York.

- Grade 1 - 4, Global Warming. A boy has rather creative alternatives to making a snowman while he waits for it to snow.

Bunting, E. and T. Rand. 1991. Night Tree. Harcourt Brace & Company. New York.

- Grade 1 Mathematics: Patterning. A family decorate a tree in the woods with popcorn and apples to feed the animals.

- Carle, E. 1998. Hello, Red Fox. Aladdin Paperbacks. New York.
- Light Grade 4. Mimic's Goethe's experience with visual phenomena in a simply illustrated picture book. An optical illusion story.
- Cherry, L. 1990. The Great Kapok Tree. Tim Wah Press. Singapore
- A young man sees all the life in a single rainforest tree and decides not to cut it down.
- Cherry, L. 1992. Flute's Journey. The Life of a Wood Thrush. Harcourt Brace & Co. San Diego.
- Picture book story of a migratory bird, from egg to tropical jungle back to lay its own eggs, and all the hazards in between. Detailed, realistic illustrations.
- Collier, J. 1993. The Backyard. Viking Press. New York.
- A boy 'remembers' what happened in his backyard from present day to the dawn of time.
- Fife, D. H. and J. Arnosky. 1991. The Empty Lot. Sierra Club Books. San Francisco.
- Grade 6 Diversity or Grade 7 Interactions. Harry visits his empty lot to set a price for its sale, but discovers that it is far from empty.
- Glew, F., M. McBrien, and M. McBrien. 2001. That Chickadee Feeling. Pmara Kutata Enterprises. Kitchener.
- A child experiences "that happy feeling" by feeding chickadees from his hand.
- Green, J. and M. Gordon. 2002. Why should I protect nature? Barron's Educational Inc. Hauppauge.
- Illustrates a change of attitudes in a class of children on a field trip when they think about the cumulative effects of their environmental misbehaviours.
- Lithgow, J. and C. F. Payne. 2002. Micawber. Aladdin Paperbacks. New York.
- Suitable for use with Visual Art, Grades 3-8. A museum-loving squirrel sneaks into a paint box to create his own art and his own art gallery.
- Lionni, L. 1968. The Biggest House in the World. Dragonfly Books. Alfred A. Knopf. New York.
- A little snail learns about sustainable living through a story his father tells him. Simple, colourful illustrations.
- Locker, T. 2002. Water Dance. Voyager Books. San Diego.
- The water cycle told as a poem with lovely full page land/ skyscape illustrations. A more thorough scientific explanation of each stage is provided on the last 4 pages as reference.
- Martin, B. Jr., J. Archambault, and T. Rand. 1985. The Ghost-Eye Tree. Henry Holt & Co. New York.
- Literacy Grades 1 - 3 at Halloween. Two children have to pass by the scary (haunted?) tree on the way to get a bucket of milk.

Mazer, A., S. Johnson, and L. Fancher. 1991. *The Salamander Room*. Alfred A. Knopf. New York.

- a child imagines all the changes he'd have to make to his room to properly care for a salamander he wants to keep as a pet. Animals' 'housing' needs are not the same as ours!

Nygaard, E. & B. Lewin. 1998. *Snake Alley Band*. Bantam Doubleday Dell Books. New York.

- Spoken word (acapella) music by snakes near Skunk Lane.

Pfeffer, W. and R. Brickman. 1997. *A Log's Life*. Simon & Schuster. New York.

- The life and processes that live in/ on a log, from live tree to decomposition, to soil for another seedling. Beautifully illustrated.

Sams, C. R. and J. Stoik. 2000. *Stranger in the Woods*. Carl R. Sams Photography. Milford.

- A "photographic fantasy" story of animals' reactions to a snowman. Suitable for units in Grades 2, 4, & 7.

Schubert, I. and D. Schubert. 2001. *Beaver's Lodge*. Lemniscaat. Asheville.

- Bear and hedgehog fix beaver's lodge when he has an accident during construction. Suitable for Gr. 2/3 structures.

Silverstein, S. 1964. *The Giving Tree*. Harper Collins. New York.

- Sustainable use of a resource? A child's lifelong relationship with a tree that gives it's all.

Silverstein, S. 1976. *The Missing Piece*. Harper Collins. New York.

- The search for a 'complete' life, sense of identity, and being happy with yourself.

Singer, M. and J. Pinkney. 1989. *Turtle in July*. Scholastic Inc. New York.

- A series of poems, each focussing on a different organism in the context of the season or a specific month. Good examples of different types and styles of poems. Beautiful illustrations.

Staines, B. and M. Zemach. *All God's Critters Got a Place in the Choir*. E. P. Dutton. New York.

- A song about having a place for all species told in a picture book. Music included.

Strauss, R. and M. Thompson. 2004. *Tree of Life*. Kids Can Press. Toronto.

- An informative book on Biodiversity: lots of facts and numbers in a large format, colourfully illustrated book.

United Nations. 2000. *For Every Child*. Red Fox. London.

- "the UN Convention on the Rights of the Child in words and pictures" Each page is illustrated by a different artist, with a forward by Archbishop Desmond Tutu.

Van Kampen, V. 1996. *Beetle Bedlam*. Key Porter Books. Toronto.

- Good for Gr. 7 Interactions. A bark beetle is accused and tried for tree murder.

Watt, M. 2006. *Scaredy Squirrel*. Kids Can Press. Toronto.

- Scaredy confronts the great unknown outside of his home. Suitable for addressing fear of being outside.

Watt, M. 2007. Scaredy Squirrel makes a friend. Kids Can Press. Toronto.
- Scaredy meets someone that does not meet his idea of the perfect friend.

Watt, M. 2008. Scaredy Squirrel at the Beach. Kids Can Press. Toronto.
- Scaredy conquers his fear of the hazards of the beach when trying to retrieve the finishing touch for his home-made beach at the base of his home tree.

Wood, D. and D. Andreasen. 2002. A Quiet Place. Simon and Schuster. New York.
- Stressed by the hustle and bustle of the city, a child escapes through his imagination into a variety of (mostly) outdoor locations.

Environmental Education Organizations (Ontario and Beyond)

Council of Outdoor Educators of Ontario (COEO): Annual conference, website, and journal. (Contact through www.coeo.org)

Green Teacher: a North American magazine for teachers, currently based in Canada. (95 Robert Street, Toronto, ON, M5S 2K5, www.greenteacher.com)

North American Association of Environmental Education: Annual conference, website (www.naaee.org)

Ontario Society for Environmental Education: journal, Annual conference, website, other PD opportunities available on request. (Contact through www.osee.org)

Other Programs

Ontario Ecoschools www.ontarioecoschools.org

Community Environmental Leadership Programs www.celp.info

Species at Risk Program, Ontario Region www.on.ec.gc.ca/speciesatrisk (email: wildlife.ontario@ec.gc.ca)

Journey North - tracking migration patterns in North America- huge website- monarch butterflies; tulips; phenology; arrival of spring and fall - archives of 16 years of data collection for a variety of species. Twinning of schools in North America and Mexico. contact: www.learner.org/jnorth.

Polar Husky - annual trek through the Arctic tracking climate change and issues. The trek is documented daily with satellite updates and discussions with scientists. Students follow the journey, can 'adopt' a husky and follow its footsteps on the journey. Excellent grade 6 to 12 - geography; science; literacy and math. www.polarhusky.com

Monarch Teacher Network - monarch butterfly project - raising, tagging, releasing, butterfly gardens, twinning of schools in North America, travels to Mexico monarch reserves (funding available to help defray costs for teachers). Also creating art/journals and publishing student-written books based on Andrew Goldsworthy's art. Contact: www.monarchcanada.org

Voices of the Land - giving a voice to where we live - based on the art of Andy Goldsworthy. Students create and write about the land where they live. Six schools in Ontario have published books documenting their land and giving it a voice through the arts and literacy. shutterfly.com is the publisher. More info at the www.monarchcanada.org website. The Weston Foundation will fund a Voices project to help you with publishing costs. A valuable culminating activity/project for all grade levels.

Ecological Footprint - grade 6-10 - science, math, literacy - mapping your personal/class/school ecological footprint - free posters and activity guide. www.ecovoyageurs.com

Pop Tab Collecting - collected as a fundraiser for wheelchairs for needy kids in our school system (tabs only because they are cleaner, no dies and easier to trade in than the whole can) - check Tabs4Kids website for more information in Middlesex County (Aurilla Ripley is the founder - a retired teacher) -FYI 28 wheelchairs in less than 10 years

Suggested Themes for Curriculum Integration (from Pegis, 1993)

Adaptation	Entertainment	Invention	Risk-taking/
Aesthetics	The Environment	Investigations	Courage
Beliefs	Fantasy/ Reality	Issues	Roles
Career	Feelings	Justice/ Fairness	Rules/ Laws
exploration	Friendship	Leadership	Space
Caring	The Future	Leisure	Survival
Change	Games/ Sports	Models	Technological
Citizenship	Global	Needs/ Necessity	competence
Communication	Perspectives	Patterns	Time
Communities	Good and Evil	Personal	Tolerance
Conflict resolution	Heritage	Development	Transitions
Connections	Human Rights	Personal Safety	Utopias
Creativity/	Identities	Perspectives	Well-being
Imagination	Independence	Power	
Cultures	Institutions	Relationships	
Customs	Integration	Responsibility	
Dependence	Interdependence	Rights/ Values	