



# Curriculum Resource List for Green Industries

## Camp OTF Summer 2009

### **BIODIVERSITY**

#### **1. BIODIVERSITY EDUCATION AND AWARENESS NETWORK (BEAN)**

[www.biodiversityeducation.ca](http://www.biodiversityeducation.ca)

The Biodiversity Education and Awareness Network is a collaborative network of individual and groups dedicated to biodiversity. This website has a link for educators and has many links and a downloadable resource "Pulling for Biodiversity, Managing Invasive Species in Ontario"

#### **2. ONTARIO STEWARDSHIP RANGERS**

[www.mnr.gov.on.ca](http://www.mnr.gov.on.ca)

This program provides summer employment for students that are interested in working outdoors and improving the environment. There is an age restriction to this program.

#### **3. RESOURCES FOR RETHINKING**

[www.r4r.ca](http://www.r4r.ca)

This website has a number of resources for teachers by teachers that match the 14 sustainability themes by the United Nations for the Decade for Education for Sustainable Development (2005-2014).

#### **4. SPECIES AT RISK STEWARDSHIP FUND**

[www.mnr.gov.on.ca/en/business/biodiversity](http://www.mnr.gov.on.ca/en/business/biodiversity)

The Ontario Ministry of Natural Resources has a website highlighting biodiversity and educators can select from popular topics, projects to become involved in, public safety and a link to Species at Risk. Under the Species at Risk there is the Ontario Species at Risk Stewardship Fund that supports public involvement in all kinds of species at risk protection and recovery activities. Check with your local Stewardship council if there are projects in your area.

**5. THE ROYAL INSTITUTION OF GREAT BRITAIN HAS A BIODIVERSITY QUIZ**

[www.rigb.org](http://www.rigb.org)

Great games can be found at this website and there are two that connect to biodiversity; the Biodiversity Quiz and Bio Bob's Biodiversity Adventure

**STEWARDSHIP****1. ONTARIO STEWARDSHIP**

[www.ontariostewardship.org](http://www.ontariostewardship.org)

The Ontario Stewardship program is a community based environmental program that involves community volunteers and stewardship coordinators in projects. The website has a list of current projects as well as extension notes on a variety of topics.

**2. ONTARIO NATURE**

[www.ontarionature.org](http://www.ontarionature.org)

This is the website for the Federation of Ontario Naturalists. This organization works to protect and restore natural habitats. It provides volunteer opportunities, connections for wildlife watching, community conservation activities. Ontario Nature has a Youth Writing Contest. This site also allows you to post question to a Naturalist as well as opportunities to volunteer for nature.

**AGRICULTURE/FOOD****1. ONTARIO AGRI-FOOD EDUCATION INC.**

[www.oafe.org](http://www.oafe.org)

This group works to increase the awareness of the agri-food industry by providing educational programs and resources. The teacher resources link the content and agri-food concepts to the curriculum expectation in the Ontario Ministry of Education Curriculum Guidelines. Ontario Agri-Food Education Inc offers workshops, events as well as podcasts.

**2. VINELAND RESEARCH & INNOVATION CENTRE**

[www.vinelandontario.ca](http://www.vinelandontario.ca)

Vineland is a world-class centre for horticulture and floriculture research, innovation and commercial activity. This website highlights the work being done at Vineland as well as a listing of upcoming events. Under the resources and links section of this website is a large listing of industry associations. Vineland Research and Innovation centre has a new forum for communication the Vineland Blog

**3. OMAFRA -ONTARIO MINISTRY OF AGRICULTURE AND RURAL AFFAIRS**

[www.omafra.gov.on.ca](http://www.omafra.gov.on.ca)

This website provides information on a wide range of topics such as agriculture, food, food safety, environment, programs and resources as well as quick links to the agricultural information centre, statistics, pick Ontario Freshness. There are a number of feature articles and top news stories.

**4. ONTARIO FEDERATION OF AGRICULTURE**

[www.ofa.on.ca](http://www.ofa.on.ca)

This organization is a farmer-led provincial lobby group that works to represents the interests of its farm members to government. The aim of the Ontario Federation of Agriculture is to work collaboratively towards a profitable, sustainable future for Ontario farmers. Under "Policy and Issues," there are a number of fact sheets as well as information on issues in the farming industry.

## 5. TORONTO COMMUNITY GARDEN NETWORK

[www.tcgn.ca](http://www.tcgn.ca)

The Toronto Community Garden Network (TCGN) is an organization that promotes community gardening in Toronto as well as greening and organic gardening across the City of Toronto. This website lists events, workshops and courses, volunteer opportunities, the Community Garden Handbook and as well as a link to the Seed Saver Educator.

## 6. FOODSHARE

[www.foodshare.net](http://www.foodshare.net)

FoodShare is a non-profit agency working to improve access to affordable and healthy food from field to table. This organization has information on their Good Food Box, Community Gardening Program, Community Kitchens program, Newsletters, Workshops and a Resource Library,

## 7. FARM SHARE

[www.farmsharecanada.com](http://www.farmsharecanada.com)

Farm Share Canada is a registered charity that works to reduce hunger in Canada. One of their objectives is to secure, grade, pack and ship one million pounds of fruits and vegetables in 2009.

## 8. FOODLAND ONTARIO

[www.foodland.gov.on.ca](http://www.foodland.gov.on.ca)

This website has a lot of interesting food facts and recipes. Foodland Ontario covers news and events as well as information about Foodland Ontario and the Food Industry.

## 9. FARM START

[www.farmstart.ca](http://www.farmstart.ca)

FarmStart is a website to support and encourage a new generation of farmers to develop locally based, ecologically sound and economically viable agricultural enterprises. This website has links to their programs, farm facilities and Research and Development.

## 10. RIDGETOWN COLLEGE INDUSTRY TRAINING AND CERTIFICATION

[www.ridgetwonc.uoguelph.ca](http://www.ridgetwonc.uoguelph.ca)

The list of continuing education training and certification include the Ontario Pesticide Education Program, the Ontario Pesticide Training and Certification Program, the Integrated Pest Management, Livestock Medicines Education Program.

## 11. I CAN-T.E.R.

[www.icanter.ca](http://www.icanter.ca)

The I CAN-T.E.R.'s mission is to create a setting where those with and without special needs can experience the farm for rehabilitation, therapy, education & training, recreation & leisure. This website has information on the programs that they offer such as the Horse Groom Program, Therapeutic Riding and Youth Internship Program of Equine Technician.

## HORTICULTURE/LANDSCAPE

### 1. COMMUNITIES IN BLOOM ONTARIO

[www.cibontario.ca](http://www.cibontario.ca)

Communities in Bloom Ontario is a non-profit organization committed to fostering civic pride, environmental responsibility and beautification through community participation and the challenge of friendly competition. This website has information on how to become involved, community projects, upcoming events as well as a link to the national website for Communities in Bloom.

**2. JOLLY FARMER**

[www.jollyfarmer.com](http://www.jollyfarmer.com)

This commercial website is unique in that it blends greenhouse plants and cuttings, agricultural and turf products, hardwood products, livestock and food from the farm.

**3. GARDEN ONTARIO - ONTARIO HORTICULTURAL ASSOCIATION ON THE WEB**

[www.gardenontario.org](http://www.gardenontario.org)

This website will provide contact information for all the horticultural societies across the province. It has a Youth Section as well as information and resources websites on a variety of subjects

**4. LANDSCAPE ONTARIO HORTICULTURAL TRADES ASSOCIATION**

[www.landscapeontario.com](http://www.landscapeontario.com)

This website provides information on garden styles, plant resource information as well as landscaping ideas. You may also connect to landscape companies and ask an expert in this field a question.

**5. LANDSCAPE ONTARIO HORTICULTURAL TRADES ASSOCIATION**

[www.horttrades.com](http://www.horttrades.com)

Landscape Ontario Horticultural Trades Association is an association representing horticultural professionals. This website is designed to advance and promote the horticultural industry. It has information on the various chapters across the province, upcoming professional development as well as information on the Certified Horticultural Technician test (CHT). There is information on upcoming trade shows and trade magazines. Under the icon About Us there is a link to OHT Foundation that offers a high school scholarship application.

**6. I.P.M. COUNCIL OF CANADA (ONTARIO IPM ACCREDITATION PROGRAM)**

[www.ontarioipm.com](http://www.ontarioipm.com)

This website is connected to the University Of Guelph Ridgetown Campus and explains what the IPM accreditation program is and how to go through the process of IPM Accreditation.

**7. ECOLOGICAL LANDSCAPING AND ECO-LAWN™**

[www.wildflowerfarm.com](http://www.wildflowerfarm.com)

Wildflower farm is a retail operation that specializes in wildflowers and a product called Eco-Lawn™ (a specialty design selection of fescue grasses that does not require fertilizing and doesn't need to be mowed). Their website has plenty of information on wildflower selection, seminar information and planning information.

**8. NATURAL INSECT CONTROL**

[www.natural-insect-control.com](http://www.natural-insect-control.com)

This commercial operation is a source for natural insect controls and eco friendly products.

**CAREERS****1. JOB FUTURES**

[www.jobfutures.ca](http://www.jobfutures.ca)

This website is Canada's National Career and Education Planning Tool website. It has a quiz to explore the world of work and links to occupational groups. There are links to education and work experiences from post-secondary programs and links to other provincial job perspectives.

## **2. JOB BANK**

[www.jobbank.gc.ca](http://www.jobbank.gc.ca)

This website is a database of all Canada-wide job posting with descriptions. There are many links to related websites such as the labour/employment standards, labour market information, work experience program.

## **FORESTRY**

### **1. ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY (MNDMF)**

[www.mndm.gov.on.ca](http://www.mndm.gov.on.ca)

This Ministry will provide information on the economic development of the forest industry by providing such services as forestry industrial policy, bioeconomy, softwood lumber, wood promotion and marketing, roads program, forest industry relations, forest economics and analysis.

### **2. MINISTRY OF NATURAL RESOURCES**

[www.mnr.gov.on.ca](http://www.mnr.gov.on.ca)

This Ministry will be responsible for ensuring our forests are managed sustainably through such services as the forest policy and guideline development, legislation (Crown Forest Sustainability Act), Forest Management Planning, Silviculture program, forest health, forest certification, forest trust, public reporting on forest sustainability and the MNR will also deliver forest management planning, annual reporting and compliance.

### **3. ONTARIO FORESTRY ASSOCIATION**

[www.oforest.on.ca](http://www.oforest.on.ca)

The Ontario Forestry Association is dedicated to raising awareness and understanding of all aspects of Ontario Forests. This website has lots of information on events such as Ontario Envirothon, Trees Ontario Foundation, Forest Careers Awareness, and Focus On Forests. There is information on the James S. Miller Memorial Scholarship Fund for a secondary school student from a Northern School going to post-secondary education in natural resources or a related field.

### **4. CANADIAN FORESTRY ASSOCIATION**

[www.canadianforestry.com](http://www.canadianforestry.com)

This website provides information on Canada's Forests, Forest Conference, Forestry Education including links to the Forestry Schools in Canada. The Canadian Forestry Association has a series of Teaching Kits with lesson plans and practical information on forest issues. This site also has a Kid's Corner with interactive games. Included in this website is invitations for community outreach.

### **5. FOREST MANAGEMENT CERTIFICATION IN CANADA**

[www.certificationcanada.org](http://www.certificationcanada.org)

This site is provided by the Forest Products Association of Canada and provides data and statistics on certified wood. This site explains forest certification, statistics on Certification in Canada, programs used in Canada. One of the unique features of this website is a search tool for certified forest and product suppliers.

### **6. ONTARIO FORESTRY SAFE WORKPLACE ASSOCIATION**

[www.ofswa.on.ca](http://www.ofswa.on.ca)

The Ontario Forestry Safe Workplace Association partners with workplaces to develop the healthiest and safest workplaces. They offer a variety of downloadable resources, safety training both online and at various locations in Ontario. They produce industry alerts based on actual incidents in Ontario. There is a link for their safety products and training manuals including Health and Safety DVD's.

**SCHOOL/CURRICULUM****1. ONTARIO ECO-SCHOOLS**

[www.ontarioecoschools.org](http://www.ontarioecoschools.org)

Ontario EcoSchools is an environmental education program for grades 1-12 that helps students develop ecological literacy while engaged in practices to become environmentally responsible citizens. Developed and run by school boards, Ontario EcoSchools also helps improve school building operations to reduce environmental impacts. This website has teacher resources and useful links.

**2. CURRICULUM SERVICES CANADA**

[www.curriculum.org](http://www.curriculum.org)

This website has a number of classroom resources that are developed for teachers. Some titles include Workplace Safety, Eco-Footprints, Physical Landscapes of the Earth, Ontario's Greenbelts A Resource for Teacher.

**3. ONTARIO EDUCATIONAL RESOURCE BANK (OREB)**

[www.elearningontario.ca](http://www.elearningontario.ca)

This website has a number of resources online for teachers by teachers. These resources have been aligned with the Ontario curriculum. This website is password protected. Contact your school board for information about using these resources.

**4. SCIENCE CO-ORDINATORS' AND CONSULTANTS' ORGANIZATION OF ONTARIO**

[www.sccao.org](http://www.sccao.org)

This website has connections for the science co-ordinators' and consultants. It has links to the curriculum documents and Science Daily and Popular Science.

**5. THE SCIENCE TEACHERS ASSOCIATION OF ONTARIO**

[www.stao.org](http://www.stao.org)

STAO stands for Science Teachers' Association of Ontario and supports an annual conference, workshops and virtual library. The virtual library has many grade and strand specific resources to help in lesson planning. Membership is advised to take full advantage of this library. One noteworthy section that the STAO store has a safety section where information can be obtained.

**6. NIAGARA ENVIRONMENTAL CORP. PART OF NIAGARA COLLEGE ENVIRONMENT STUDENTS**

[research@niagaracollege.ca](mailto:research@niagaracollege.ca)

This is a research fund that students of Niagara College may apply for to work on environmental projects. Students must apply for the grant through

**7. IRON SCIENCE TEACHER COMPETITION**

[www.ironscience.ca](http://www.ironscience.ca)

Teams of teachers compete to present spectacular and imaginative feats of science and engineering.

**8. UNILEVER - TREE SCHOOL**

[www.unilever.com](http://www.unilever.com)

This company has a link on how it addresses sustainability as a company and some of the projects and case studies that they have been participating in.

**SAFETY/REGULATIONS****1. FARM SAFETY ASSOCIATION**

[www.farmsafety.ca](http://www.farmsafety.ca)

This site has information on the Occupational Health and Safety Guidelines on Farming as well as tools to help with the Occupational Health and Safety Guidelines.

**2. BEST MANAGEMENT PRACTICES SERIES MAY BE ORDERED THROUGH THE ONTARIO MINISTRY OF AGRICULTURE, FOOD AND RURAL AFFAIRS.**

[www.omafra.gov.on.ca](http://www.omafra.gov.on.ca)

Titles include Best Management Practices Series: Farm and Forestry and Habitat Management or Soil Management or Water Management or No-Till: Making It Work.

**3. DRAINAGE LEGISLATION**

[www.omafra.gov.on.ca/english/engineer/facts/89-166.htm](http://www.omafra.gov.on.ca/english/engineer/facts/89-166.htm)

A Factsheet produced by the Ministry of Agriculture Food and Rural Affairs Duties of the Landowner Under the Drainage Act

[www.omafra.gov.on.ca/english/engineer/facts/88-051.htm](http://www.omafra.gov.on.ca/english/engineer/facts/88-051.htm)

A Factsheet produced by the Ministry of Agriculture Food and Rural Affairs

**4. TRANSPORTATION ACT SEE THE ONTARIO MINISTRY OF TRANSPORT'S WEBSITE**

[www.mto.gov.on.ca](http://www.mto.gov.on.ca)

**5. CANADIAN FOOD INSPECTION AGENCY IS LOCATED AT THE FOLLOWING WEBSITE:**

[www.inspection.gc.ca](http://www.inspection.gc.ca)

This website has an overview as well as the acts and regulations such as the Seeds Act, Plant Protection Act, Health of Animals Act, Plant Breeders' Rights Act and the Canada Agricultural Products Act. On the homepage is a link to specific food, animals and plants.

**6. LOCAL HEALTH UNIT**

[www.health.gov.on.ca](http://www.health.gov.on.ca)

To find your local health unit go to the Ministry of Health and Long Term Care website.

**7. THE WORKPLACE SAFETY AND INSURANCE BOARD OF ONTARIO WSIB**

[www.wsib.on.ca](http://www.wsib.on.ca)

This website has a section on resources that include legislation on the Occupational Health and Safety Act. They have a selection of Fact Sheets that come in a variety of languages.

**8. GREENBELT ACT**

[www.mah.gov.on.ca](http://www.mah.gov.on.ca)

The Ontario Ministry of Municipal Affairs and Housing has information on The Greenbelt Act as well as maps and connections to the greenbelt council and protecting the Greenbelt: the Greenbelt Plan.

**9. FISHERIES ACT**

[www.dfo-mpo.gc.ca](http://www.dfo-mpo.gc.ca)

Fisheries and Oceans Canada has the Regulations and Legislation organized under acts, orders and other acts of interest.



**10. CROWN FOREST SUSTAINABILITY ACT**

[www.mnr.gov.on.ca](http://www.mnr.gov.on.ca)

Under forest laws on the Ministry of Natural Resources website you will find a link to the Crown Forest Sustainability Act.

**11. NUTRIENT MANAGEMENT ACT**

[www.ene.gov.on.ca](http://www.ene.gov.on.ca)

Under Nutrient Management on the Ministry of the Environment website you will find information on the Nutrient Management Act as well as Nutrient Management Protocol.

**12. FOREST FIRES PREVENTION ACT**

[www.mnr.gov.on.ca](http://www.mnr.gov.on.ca)

Under the Ontario's Rules and Laws controlling the use of fire you will find a link to the Forest Fires Prevention Act.

**13. PEST CONTROL REGULATION AGENCY**

[www.hc-sc.gc.ca](http://www.hc-sc.gc.ca)

Health Canada has a linkage to the Acts and Regulations including the Pest Control Products Act.

**14. OCCUPATIONAL HEALTH AND SAFETY ACT**

[www.labour.gov.on.ca](http://www.labour.gov.on.ca)

The Ontario Ministry of Labor enforces the Occupational Health and Safety Act (OHSA). This website has a number of resources as well as the Laws and Regulations around the Occupational Health and Safety Act.

**15. CLEAN WATER ACT**

[www.ene.gov.on.ca](http://www.ene.gov.on.ca)

Under the Clean Water Act on the Ontario Ministry of the Environment website is information to help you learn more about the act. Established under the Clean Water Act came the Ontario Drinking Water Stewardship program that provides financial assistance for measures that help protect Ontario's drinking water sources.

**16. TREE- CUTTING BYLAWS**

The Municipal Act 2001 under the Ontario Ministry of Municipal Affairs and Housing [www.mah.gov.on.ca](http://www.mah.gov.on.ca) consolidated dozens of act relating to municipal governance and powers. The Municipal Act provides tree-cutting bylaws for all municipalities in Ontario. This is best described through the website Ontario Woodlot [www.ontariowoodlot.com](http://www.ontariowoodlot.com).

**17. WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM SITE**

[www.hc-sc.gc.ca](http://www.hc-sc.gc.ca)

Health Canada has WHMIS information on a number of aspects of WHMIS.

**ECOLOGY****1. SOIL FOODWEB**

[www.soilfoodweb.ca](http://www.soilfoodweb.ca)

This Soil Laboratory and Research Centre is dedicated to the preservation and enhancement of soil quality and the biological capacity for sustainable agriculture.



## **2. EVERGREEN**

[www.evergreen.ca](http://www.evergreen.ca)

Evergreen is a national charity that has worked with Canadians to create outdoor spaces to deepen the connection between people and nature. The website has information on funding opportunities for teachers, resources and programs that Evergreen is working on.

## **3. DUCKS UNLIMITED**

[www.ducks.ca](http://www.ducks.ca)

Ducks Unlimited Canada is committed to wetland conservation. They produce a number of resources for teachers including Wetland Ecosystems 3 for High School students.

## **4. WORLD WILDLIFE FUND – CANADA**

[www.wwf.ca](http://www.wwf.ca)

The World Wildlife Fund – Canada is involved in a number of conservation activities that you can participate in as well as detailed information various conservation efforts such as global warming, fresh water or species at risk.

## **5. CANADIAN WILDLIFE FEDERATION**

[www.cwf-fcf.org](http://www.cwf-fcf.org)

This informative site has lots of resources, articles and educational information such as Project WILD, Backyard Habitat, Wild About Gardening. The resources are free when you join CWF. Canadian Wildlife Federation has a number of awards, scholarships and grants that it sponsors.

## **6. ONTARIO FEDERATION OF ANGLERS AND HUNTERS**

[www.ofah.org](http://www.ofah.org)

The OFAH is a nonprofit, nongovernment fish and wildlife conservation organization in Canada. It contains a link to the Invading Species Awareness Program and to its magazine and media releases.

## **7. TORONTO ZOO**

[www.torontozoo.com](http://www.torontozoo.com)

This Zoo has over 5,000 animals representing over 500 species. They provide school field trips geared to secondary and elementary level students. There are teacher resources available through Adopt-A-Pond. The website has a number of Fact Sheets on the many animals.

## **8. ECOSOURCE**

[www.ecosource.ca](http://www.ecosource.ca)

EcoSource is an Ontario-based innovative environmental education organization. Check out their website for information on Green School funding, school workshops, learning gardens and community gardens.

## **9. BIRD STUDIES CANADA**

[www.bsc-eoc.org](http://www.bsc-eoc.org)

Bird Studies Canada is a not-for-profit organization that works to advance the understanding, appreciation and conservation of wild birds and their habitats. This group has a selection of volunteer opportunities, Species at Risk information and connection to a number of research projects.

**OTHER SUGGESTIONS****1. FOXFIRE**

[www.foxfire.org](http://www.foxfire.org)

"Foxfire" is method of classroom instruction that allows students to make decisions about how they learn required material, using the community around them as a resource to aid in that learning. The website has links to its magazine, the museum, teaching and news.

**2. ROYAL BANK OF CANADA**

[www.rbc.com/environment/index.html](http://www.rbc.com/environment/index.html)

The Royal Bank has set three environmental priorities; climate change, forestry, biodiversity & Indigenous Peoples and water. The RBC Blue Water Project is funding programs that foster a culture of water stewardship.

**3. ASSOCIATION FOR CANADIAN EDUCATIONAL RESOURCES (ACER)**

[www.acer-acre.org](http://www.acer-acre.org)

ACER is a not-for-profit organization that works to develop, produce and promote Canadian materials to meet the needs of to-day's learners. This website will connect you the various projects that ACER is involved in such as Measure Up [www.measureup.ca](http://www.measureup.ca) a schoolyard project, "Let's Plant, Measure and Mulch " a project at Humber Arboretum or Climate Change.

**4. MEETUP**

[www.meetup.com](http://www.meetup.com)

Meetup is a large internet network of local groups. Each group has a specific focus that connects people from around the world. Type in biodiversity and become connected to others around the world.

**5. FILM – "MANUFACTURED LANDSCAPES" 2006 BY CANADIAN ARTIST EDWARD BURTYNSKY**

[www.onf-nfb.gc.ca](http://www.onf-nfb.gc.ca)

This film looks at China's massive industrial revolution and illustrates the human impact on the planet without trying to reach simplistic judgements.

**6. "THE END OF FOOD" 2008 BY PAUL ROBERTS**

[www.theendoffood.com](http://www.theendoffood.com)

This book looks at how our food systems are both breaking down and how they can be put onto a sustainable course.