

A ONE



This section contains a selection of resource materials and classroom support activities of interest to teachers in British Columbia.

**Ecotrust Canada**

Vancouver, BC  
Phone: (604) 682-4141  
Fax: (604) 682-1944

▲ **SALMON NATION.**

*Salmon Nation* takes you behind the headlines in the company of six knowledgeable guides to a deeper understanding of the most celebrated fish of western North America. Essays trace the relationship between people and salmon from the days of abundance that sustained Northwest Coast native cultures to the troubled world of salmon today. The authors suggest a future of rivers restored and fishing livelihoods revived, a future still within our reach. Geographer Dorie Brownell's full-color maps of the state of Pacific salmon today, published here for the first time, offer a "big picture" perspective that lends new urgency to efforts to heal the breach between people and salmon. 80 pages. Grades 8 - 12. Price: \$14.95, plus tax and shipping.

**Environment Canada Inquiry Centre**

Toll-Free: 1-800-734-3232 or  
1-800-267-0824

E-mail: [enviroinfo@ec.gc.ca](mailto:enviroinfo@ec.gc.ca)  
<http://www.ec.gc.ca/soer-ree/english/default.cfm>

▲ **CONNECTIONS: CANADIAN LIFESTYLE CHOICES AND THE ENVIRONMENT.** This State-of-the-Environment fact sheet presents an interesting and informative look at how human activities affect the environment. The simple example of a hamburger explains life cycle and its impacts along the way. Grades 3 and up. Free.

▲ **ECO-VIGNETTES.** Each of Canada's 15 terrestrial and 5 marine eco-zones is explained in a poster format with a variety of information at different levels for a wide range of interests and users including students, teachers, professionals and anyone interested in the environment or geography. Grades 3 and up. Free.

**Evergreen**

Vancouver, BC  
Phone: (604) 689-0766  
Fax: (604) 669-6222  
E-mail: [info@evergreen.ca](mailto:info@evergreen.ca)  
<http://www.evergreen.ca>



▲ **GROUNDS FOR CHANGE.** This video offers ideas and inspiration for anyone interested in transforming their school ground. Hear from students, teachers, and parents about why this work is important and the positive results achieved through a collective effort. A great tool to get others on board in the early stages of your project. 15 minutes. Grades 1 - 12. Price: \$10.

**Library Video Company**

P.O. Box 580  
Wynnewood, PA 19096  
Phone: 1-800-843-3620  
Fax: (610) 645-4040  
E-mail: [cs@libraryvideo.com](mailto:cs@libraryvideo.com)  
<http://www.libraryvideo.com>

▲ **WHAT IS AGRICULTURE?**

What better way to learn about agriculture than to visit farms! In this video, children will enjoy following along as young hosts visit different kinds of farms, from a dairy farm to a farm that raises sheep for wool. Kids will get an up-close look at traditional ways of milking cows and collecting eggs, then discover that many farmers can do these same things with machines. They'll learn how cotton is grown and spun into yarn and see how timber is milled into lumber that is used to build houses. On each adventurous field trip, children learn interesting facts about agriculture and its necessity in our lives. 23 minutes. Grades K - 2. Cost: \$29.95 USD.

▲ **ALL ABOUT FOREST ECOSYSTEMS.**

In this video, kids will explore the ecosystems where trees are the major plant life form. Viewers will discover the three different types of forests found around the world (rainforests, deciduous forests and coniferous forests) and explore the plant and animal life found there. A hands-on experiment illustrates why rainforest soil is so poor in nutrients, while a visit with a scientist examines one of the world's most famous predators -- the boa constrictor! A teacher's guide is included. 23 minutes. Grades K - 4. Cost: \$29.95 USD.

**BCTF Lesson Aids Service**

Vancouver, BC  
Phone: (604) 871-2181  
Toll-Free (BC only): 1-800-663-9163  
Fax: (604) 871-2295  
<http://www.bctf.bc.ca>

▲ **SOCIETAL IMPACTS OF COMPUTERIZATION.** by Chris Bastone, 44 p., ©2000. This learning resource is for secondary computer teachers helping their students understand value conflicts and ethical choices associated with electronics communication. The activities help connect computer skills to a broader social context through an introduction to socio-technology and a survey of critical issues in computerization such as cyber stalking, hacking, safety, privacy and gender. Learning outcomes are supported for the following BC IRPs: Information Technology 11/12, Social Studies 11, Technology Education 8-12. A CD (suitable for both Windows and Mac, in pdf-portable document format) is included to electronically post on a local area network. Grades 7 - 12. Cost: \$22.00.

▲ **EXPLORING HARMONY-EDUCATIONAL RESOURCE KIT.**

National Movement for Harmony in Canada ©1999. The purpose of this multimedia educational resource, which contains a resource guide, a CD-ROM (compatible with Windows and Mac), a 14-minute video, a website, and the 128-page hardcover *Harmony/Harmonie* book of black-and-white photographs by 24 photographers, is to promote the exploration of diversity issues through class discussions, self-guided and group work, oral presentations, essays, visual presentations, research and activities. The CD-ROM contains the original photographs from the Harmony exhibition and additional multimedia resources and interactive learning activities. The video documents the process of putting together the photography exhibit, and presents, in their own words, the 'journeys' undertaken by several of the photographers. The website, at [www.harmony.ca](http://www.harmony.ca), contains up-to-date information, activities, and links to relevant organizations and resources. Grades K-12. Cost: \$189.95.

▲ **TEN-MINUTE ACTIVITIES, GRADES 4-6.** Evan-Moor Educational Publishers, 192 p., ©2001. The 190 activities in this resource book are presented in four subject area sections: 60 language arts activities, 60 math activities, 25 social studies activities, 25 science activities and 20 indoor recess activities. Skills and concepts addressed include spelling, parts of speech, dictionary skills, vocabulary, summarizing, multiplication and division facts, patterns, problem solving, fractions, estimation, map skills, geography, civics, classifying, habitats, observing and describing, cause and effect, motor skills, visual and auditory memory, dramatic play. Grades 4-6. Cost: \$24.95.

▲ **TAKE A TECHNOWALK TO LEARN ABOUT MECHANISMS AND ENERGY.** Peter Williams and Saryl Jacobson, 92 p., ©2000. This book introduces students to the concepts of mechanisms, power and energy by investigating the technologies that are all around the classroom, school and community. Includes 10 fun technowalks with safety guidelines; special instructions to accommodate different grade levels; expectations; evaluation and assessment ideas; pre- and post-walk activities; proven strategies for integrating technowalks into science and other core subjects; reproducible



technowalk worksheets and parent involvement sheets. Grades K - 8. Cost: \$27.95.

**Statistics Canada**

Toll-free number: 1-800-263-1136  
Toll-free fax number: 1-877-287-4369  
E-mail: [infostats@statcan.ca](mailto:infostats@statcan.ca)  
<http://www.statcan.ca/english/kits/recpub.htm>

▲ **CANADA AT A GLANCE.** This 24-page booklet includes information on the current Canadian demographic, education, health, justice, housing, income, labour market, economic, travel, financial, and foreign trade statistics. Important international comparisons are also presented, so that readers can see how Canada stacks up against its neighbours. Updated twice yearly, *Canada at a glance* is a very useful reference for those who want quick access to current Canadian statistics. Grades 4 and up. Free.

**Kellogg Canada Inc.**

Phone: 1-888-453-6374  
E-mail: [julie.henninge@kellogg.com](mailto:julie.henninge@kellogg.com)  
<http://www.missionnutrition.ca/>

▲ **MISSION NUTRITION.** An educational program designed to promote children's healthy growth and development, by the Dietitians of Canada and the team of Registered Dietitians at Kellogg Canada Inc. This project was designed to help promote healthy eating among students in grades six to eight. The website and kit are dedicated to building positive self-esteem and body image, promoting healthy eating and encouraging physical activity. The teacher's kit includes: an educator's guide with 12 pages of useful background information, classroom activities and fun food experiments to help make the benefits of healthy eating relevant to students; full-colour classroom poster highlighting major body systems and important nutrients for children's healthy growth and development; and, six student activity sheets featuring fun food and nutrition activities that complement the activities in the educator's guide. Also included is a lesson planning tool kit with curriculum based learning outcomes, background information, lesson outlines, and resources and links. Grades 6 - 8. Free.

**Acorn Naturalists**

Tustin, CA, USA  
Toll-Free: 1-800-422-8886  
Fax: 1-800-452-2802  
E-mail: [acorn@aol.com](mailto:acorn@aol.com)  
<http://www.acornnaturalists.com>

▲ **THE KID'S GUIDE TO SERVICE PROJECTS, OVER 500 SERVICE IDEAS FOR YOUNG PEOPLE WHO WANT TO MAKE A DIFFERENCE.** Lewis. From

# RESOURCES TEACHERS' SHOPPING LIST

Companies, government agencies and other associations are welcome to submit items for inclusion in this section.

simple projects involving one or two people to large scale commitments that involve entire communities, kids can make a big difference when motivated to become involved. Contains chapters on service projects involving animals, community development, the environment, friendship, hunger, literacy, government, safety and more. Step-by-step procedures show you how to initiate projects. Grades 3 - 11. Cost: \$12.95 USD.

## ▲ INTRODUCTORY ROCK AND MINERAL COLLECTION. A



study collection for teachers and students. Includes fifty specimens (2 each of 25 different types) with examples of igneous, sedimentary and metamorphic rocks. All are identified by name and collection locale. All 50 are freshly split, clearly showing the colours and characteristics of the specimen. Ideal size (averaging 1-1/2") for using with stereomicroscopes or hand lenses. This kit is suited for introducing students to the basic principles of mineral formation and identification. Grades 4 and up. \$11.95 USD.

## National Film Board of Canada

Montreal, PQ  
Toll-Free: 1-800-267-7710  
Fax: (514) 496-1895  
<http://www.nfb.ca>

## ▲ BULLY DANCE.

©2000. Janet Perlman. This is the third film in the ShowPeace series -- lively, animated films designed to explore issues of conflict and dispute resolution, produced by the National Film Board of Canada. BULLY DANCE is a non-verbal film with a strong message about bullies. In the film, a community is disrupted when a bully victimizes a smaller member of the group. Eventually, the whole community becomes involved in dealing with the bully, who is himself, a victim in his own house. Issues of peer pressure, accountability and imbalance of power are explored in a story that deals with a sensitive and pervasive problem. A study guide is also available. 10 minutes. Grades 5 - 12. Call the NFB for availability.



## Good Green Fun!

Eugene, OR  
Phone: (541) 988-9653  
E-mail: [dharmika@goodgreenfun.com](mailto:dharmika@goodgreenfun.com)

▲ **IGOOD GREEN FUN!** From ecology-dedicated musician Dharmika Henshel, *Good Green Fun!* contains positive, sing-along styled songs about preserving the forests and its animals. The song-stories enhance forest ecology concepts. For each song, you can cover habitats and systems, cycles, adaptations, and issues and interactions. Grades K - 3. \$17 USD for CD.

## Rivershed Society of BC

Vancouver, BC  
Contact: Cameron Lipp  
Phone: (604) 941-1844  
Fax: (604) 464-4122  
E-mail: [cameron@rivershed.com](mailto:cameron@rivershed.com)

▲ **MAKE A LIVING MAKING A DIFFERENCE: RSBC'S ENVIRONMENTAL CAREERS OPTIONS (ECO) WORKSHOPS PROGRAM.** Presented by Cameron Lipp for the RSBC, each ECO Workshop is a one-hour to full day session, hosted by teachers and organizations, in their classroom. Following an ECO workshop, participants will be educated and prompted to act toward their life and career with awareness, connection and reverence. ECO Workshops particularly complement late Secondary and 1st Year Post-Secondary School Career & Personal Planning, Geography, Environmental Studies, Human Economics, Ecology, Biology, Science and Social Studies programs. ECO Workshops' instructional strategy incorporates BC Secondary School CaPP & Personal Development curriculum. Grades 11 & 12. Contact Cameron Lipp for further information.



## FORED BC

For Education about our environment and its natural resources.

### Provincial Office

#326 - 1275 West 6th Avenue, V6H 1A6  
Vancouver, British Columbia  
Phone: (604) 737-8555  
Fax: (604) 737-8598  
Teachers' Fax: (604) 737-8533  
Teachers' Toll-Free: 1-888-28-TREES  
Website: [www.foredbc.org](http://www.foredbc.org)  
Cheryl Ziola, President  
E-mail: [info@foredbc.org](mailto:info@foredbc.org)  
Available from **FORED BC**  
Website for teachers and students:  
[www.foredbc.org](http://www.foredbc.org)

- Teacher training workshops for a variety of grade levels with a focus on resources such as trees, wildlife, water, minerals, soil, as well as related careers and aboriginal forest practices.
- Information and activity packages in response to teacher topic requests.
- Idea exchange sessions for teachers and natural resource sector professionals.
- Training workshops for education volunteers from industry and government.
- Advice and services for classroom presenters.
- Review of curriculum packages related to environmental education topics.
- Participation in and provision of speakers for Provincial Specialty Association conferences.

## HOME PAGES

### • KIDS SAVING THE PLANET

<http://www.kidssavingtheplanet.org/MakeADifference.ivnu>  
The goal of this non-profit organization is to increase youth participation in environmental education through the use of games, celebrity endorsements and entertaining activities. Teachers can have a KSP web page created with photos, artwork or stories.

### • CANADIAN SPACE AGENCY

[http://www.space.gc.ca/kidspace/1-edu\\_res/resources/all/default.asp](http://www.space.gc.ca/kidspace/1-edu_res/resources/all/default.asp)  
The Youth Outreach Division of the CSA regularly produces youth appropriate learning materials that are available in the Educator Resources section of KidSpace. Documents on themes such as robotics, spacewalking, microgravity, ISS, astronomy, etc. can be downloaded. Archived webcasts and mission websites are other available tools.



### • TREE CANADA

<http://www.treecanada.ca/index.html>  
A charitable organization that provides leadership and promotes public awareness, education and community action for the planting and care of trees in both urban and rural Canada.

### • DINOSAUR EXHIBIT

<http://www.dc.ab.ca>  
Extensive info from UC Berkeley, including myths, dinosaur diversity, links to discussions of dinosaur groups and more. Search their vertebrate catalog for dinosaur holdings.



### • ASK JEEVES FOR SCHOOLS

<http://www.ajschools.com/teachers/index.htm>  
WebWorkShops (tm) are available anytime. Technology skills are acquired as teachers work through project-based learning activities that address grade-level content. Topics include ecosystems, animals, plants, effects of climate and weather, and various cultures of the world. All online courses are free.

### • SECOND NATURE - EDUCATIONAL RESOURCES FOR SUSTAINABILITY

[http://www.secondnature.org/resource\\_center/resource\\_center.html](http://www.secondnature.org/resource_center/resource_center.html)  
A substantial and well-used repository of materials submitted by individuals from across higher education.



### • ECO EDUCATION BC - DESTINATION CONSERVATION

<http://bccf.com/ecoed/>  
Aimed especially at educators and schools, this site is filled with useful information about conservation projects, the importance of conservation measures and the kinds of things young people can do to protect the environment.

### • TEACHERS FIRST

<http://www.teachersfirst.com/matrix.htm>  
A collection of Internet resources and K-12 lesson plans from around the world - grouped by subject and grade level. Includes "Learning the Web" instructions for teachers, a "Toolbox" for free downloadable computer enhancements, and a Teacher's Lounge.



### • EDU HOUND

<http://www.eduhound.com/default.cfm>  
This directory provides a prescreened database directory of K-12 educational links categorized by subject.

### • CANADIAN ASSOCIATION OF ZOOS AND AQUARIUMS

<http://www.caaza.ca>  
CAZA is a non-profit organization established to promote the welfare of and encourage the advancement and improvement of zoology, recreation, education, conservation and science.



### • ENCYCLOPEDIA OF THE ATMOSPHERIC ENVIRONMENT

<http://www.doc.mmu.ac.uk/aric/eae/enter.html>  
Information on a wide range of atmosphere-related and environmental topics, including air quality, acid rain, global warming, ozone depletion, and weather.

### • BIRD BEHAVIOUR

<http://www.ucc.uconn.edu/~millerd/bframes.html>  
This site is an international, interdisciplinary journal publishing research on descriptive and experimental analyses of species-typical avian behavior.



### • THE DOLPHIN INSTITUTE

<http://www.dolphin-institute.com/>  
Dedicated to conservation of and education about dolphins and whales. Research projects include dolphin echolocation, language capabilities, and memory and humpback whale socialization and migration.



### • ARK ANIMAL TRACKS

<http://www.arkanimals.com/>  
This online magazine is dedicated to the topics of exotic and captive wildlife as well as pets, ranging from behaviour, training, and enrichment to conservation, education and research.

### • THE LIBRARY IN THE SKY

<http://www.nwrel.org/sky/>  
The Library in the Sky is a database of over 1500 websites for those involved in education. Find the information you want through the Search, User Tabs, by Department, or Materials.

