

A ONE



LEARNING

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

Image Media Services

Vancouver, BC
Phone: (604) 324-4191

- ▲ DISCOVER YOUR ESTUARY. *Discover Your Estuary* is a book for anyone who wants to understand and explore the Fraser River Estuary or their local estuary. It includes pictures of plants and animals of the estuary, as well as activities, maps, field trip suggestions, and tips on getting involved in conserving a healthy estuary. Grades 1 and up. Cost: \$8.95.



- ▲ DISCOVER YOUR ESTUARY, ESTUARY AND JOURNEY OF THE BLOB. This is a three-part video series. *Discover Your Estuary* shows kids and adults exploring the different aquatic habitats of the estuary, asking questions, and learning. *Estuary* discovers the creatures and ecology of the Fraser Estuary, including underwater footage showing plants and animals, from microscopic sized ones to a whole flock of diving ducks. *Journey of the Blob* portrays a boy dropping a green blob into a creek near his home. The blob travels downstream to the sea and becomes part of the water cycle... with a surprise ending. These videos are available as part of the Discover Your Estuary Learning Kit, which also includes copies of the book *Discover Your Estuary* and a *Guide for Parents and Teachers*. Grades 1 and up. Cost: \$28.95.

WILD Education - Canadian Wildlife Federation

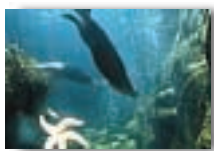
Kanata, ON
Toll-Free: 1-800-563-WILD
Fax: (613) 599-4428
E-mail: info@cwf-fcf.org
http://www.cwf-fcf.org

- ▲ THINK ABOUT THE PLANET. Yukon Project WILD coordinator Remy Rodden recently released this album featuring a host of songs about environmental topics like habitat, biodiversity, garbage, and invasive species. Lyrics are enclosed with the album to ensure an entertaining yet educating sing-along with youthful groups. Grades 1 - 8. Cost: \$18.95 for CD, \$12.95 for cassette, plus shipping and taxes.

Friends of the Sea Otter

Monterey, CA
Phone: 1-800-279-3088
Fax: (831) 642-9057
E-mail: centerdirector@seaotters.org

- ▲ BENEATH THE SURFACE. Narrated by Betty White. This 26-minute video was



produced in 2000 by Friends of the Sea Otter. It focuses on the unique behaviour and habitat of the sea otter and how the campaign to save them is connected to the understanding of ocean health and our own health. Grades 1 - 12. Cost: \$19.95 US, plus shipping.

Evergreen

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



- ▲ NATURE NURTURES: INVESTIGATING THE POTENTIAL OF SCHOOL GROUNDS. 34 p. This report presents a comprehensive review of literature pertaining to school ground naturalization. It examines the work of professionals in the fields of child development, education and environmental psychology, and explores the benefits that result when a school community participates in creating more nurturing and diverse environments for learning on the school ground. Grades 1 - 12. Cost: \$15.

Alberta Teacher's Association

Edmonton, AB
Phone: 1-800-232-7208
Fax: (780) 455-6481
http://www.teachers.ab.ca



- ▲ FIVE-MINUTE FIELD TRIPS: TEACHING ABOUT NATURE IN YOUR SCHOOLYARD. 48 p. © 2000. This book contains an assemblage of outdoor educational activities that teach awareness and understanding of the natural world and action toward shaping a more ecologically sound, sustainable community. Grades 1 - 6. Cost: \$10.

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

- ▲ TOUCH THE FUTURE THROUGH ENVIRONMENTAL EDUCATION. Shelagh Butterworth Levey. 243 p. © 2000. This book gives detailed instruction and examples for setting up an environmental program in schools. Touch the Future is a comprehensive program that uses environmental education as a framework into which all prescribed skills and concepts are integrated. All projects have been utilized in a suburban elementary school over the past eight years. Grades K - 8. Cost: \$16.95.

- ▲ THIS DAY IN SCIENCE—PERPETUAL CALENDAR. © 2000. Produced as a joint venture between the Ministry of Education, the H.R. MacMillan Space Centre, British Columbia Science World and the Vancouver Aquarium Marine Science Centre. This 30 cm x 38 cm perpetual, illustrated calendar includes science events, facts and activities. The calendar can be hung in the classroom and used by teachers and students. Highlights contributions from Canadians. Grades K - 7. Cost: \$19.95.



- ▲ A TEACHER'S RESOURCE GUIDE TO SANDHILL CRANES. Jill Tasman and Carrie Davison. 99 p. © 1998. This resource guide outlines basic information about the Sandhill cranes, describes the ecology of local Sandhill cranes and their protection, the functions of wetlands and the involvement of human beings. Six units integrate mathematics, arts and crafts, and literature with the following themes: Cranes of the World, The Sandhill Cranes, Behaviour and Characteristics, Crane Habitats, Threats and Conservation, and How To Get Involved. An appendix on wetlands is also included. Grades 2 - 6. Cost: \$20.95.



- ▲ SONGBIRDS IN THE CITY: A CELEBRATION. Valentin Schaefer and Leanne Paris. 140 p., © 1999. This book describes how songbirds contribute to life in the city and how to make cities friendlier for birds. It also describes activities of the Songbird project and the Green links Project held in Greater Vancouver to celebrate the city as a home to both nature and people. Grades K - 12. Cost: \$10.95.



National Native Role Model Program Resource Centre

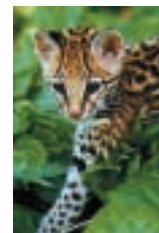
Kahnawake, PQ
Toll-Free: 1-800-363-3199

- ▲ KAHNAWAKE ROLE MODEL POSTERS. Large, full-colour posters featuring well-known First Nations Canadians, and describing each one's life and philosophy. Posters are free with a limited supply available. Grades 1 - 12.

Acorn Naturalists

Tustin, CA, USA
Toll-Free: 1-800-422-8886
Fax: 1-800-452-2802
E-mail: Acorn@aol.com
http://www.acornnaturalists.com

- ▲ THE GREAT KAPOK TREE. Cherry. A hardcover book which won the Outstanding Science Book for Children Award. After starting to fell a rainforest Kapok tree, a man sits at the foot of the tree and falls asleep. One by one the animals that depend upon the tree whisper in his ear, begging him not to destroy their home. Grades 1 - 5. Cost: \$13.55 US.
- ▲ EYEWITNESS JUNGLE VIDEO. This video demonstrates why rainforests harbour the greatest concentration of life in the world, helping all to recognize their significance as a source of genetic diversity. Includes photography of some of the most dramatic places on the planet. Grades 1 - 12. Cost: \$10.95 US.



National Film Board of Canada

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

- ▲ AH...THE MONEY, THE MONEY, THE MONEY! THE BATTLE FOR SALTSRING ISLAND. 50 min. © 2000. When the roar of chainsaws shatters the quiet of this idyllic setting, residents awake to an unexpected intrusion. A logging operation is underway in a central pristine valley. Concerned about the potentially devastating impact on Saltspring's ecology, economy and natural beauty, the residents set out to stop the logging. The award-winning director of *Margaret's Museum*, Mort Ransen, turns his camera on his own community to document a lively and provocative debate. Grades 8 - 12. Call the NFB for availability.



Harbour Publishing

Madeira Park, BC
Toll-Free: 1-800-667-2988
Fax: (604) 883-9451
http://www.KnowBC.com
E-Mail: orders@harbourpublishing.com

- ▲ ENCYCLOPEDIA OF BRITISH COLUMBIA. 824 p. © 2000. This hardcover book with companion CD-Rom includes over 4,000 articles by leading BC experts, thousands of colour photographs, maps, charts, diagrams and statistics. The encyclopedia is on the BC Bestseller list and received the Bill Duthie Bookseller's Choice Prize for 2000. Grades 3 - 12. Cost: \$99.99.



RESOURCES

TEACHERS' SHOPPING LIST

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

Jossey-Bass

San Francisco, CA
Toll-Free: 1-888-866-5559
Fax: 1-800-569-0443
<http://www.josseybass.com>

- ▲ **SCHOOLING FOR THE REAL WORLD: THE ESSENTIAL GUIDE TO RIGOROUS AND RELEVANT LEARNING.** Steinberg, Cushman, Riordan. 128 p. © 1999. This book argues for schooling that combines rigorous academic instruction with learning in real-world settings. It offers practical strategies for designing effective learning programs, developing a strong curriculum, setting standards and goals, assessing student work, supporting rewarding internships, and much more. Grades 1 - 12. Cost: \$19.95 US.

Geological Survey of Canada Bookstore

Ottawa, ON
Toll-Free: 1-888-252-4301
Fax: (613) 943-0646
E-Mail: gsc_bookstore@gsc.nrcan.gc.ca



- ▲ **SECRETS OF ICE.** 13 min. © 1991. This video looks at research conducted from a large iceberg adrift in the Arctic Ocean, near the North Pole, and the extraction of ice cores whose geological records provide us with the key to the Earth's past. Grades 7 - 12. Cost: \$11.

The Center for Environmental Education

Keene, NH
Phone: (603) 355-3251
Fax: (603) 357-0718
E-Mail: cee@antiochne.edu



- ▲ **BLUEPRINT FOR A GREEN SCHOOL.** Chase. This is a reference guide to answer questions about environmental issues around the school—and solve the problems with understanding and confidence. This resource organizes the topics—from asbestos to cleaning and science room supplies—in an accessible, logical, chapter-by-chapter format for ease of use. Grades 1 - 12. Cost: \$26.00 US.

Orion Society

Great Barrington, MA
Toll-free number: 1-888-909-6568
Fax number: (413) 528-0676
E-Mail: dabrams@orionsociety.org
<http://www.oriononline.org>

- ▲ **STORIES IN THE LAND: A PLACE-BASED ENVIRONMENTAL EDUCATION ANTHOLOGY.** Elder. © 1998. This resource book presents reports from teachers (grades 1 - 12) who have practiced place-based environmental education. The essays describe the teachers' varied approaches to adapting place-based models to a diversity

of communities and classrooms. Activities and teaching resources are included. Grades 1 - 12. Cost: \$8 US.

Statistics Canada

Vancouver, BC
Toll-free number: 1-800-263-1136
Fax number: (604) 666-4863
E-mail: stcvan@statcan.ca



- ▲ **HUMAN ACTIVITY AND THE ENVIRONMENT 2000.** This is a book and companion CD-Rom that provides a collection of Canadian environmental statistics, from many sources, with special emphasis on human activity and its relationship to natural systems' air, water, soil, plants and animals. The 350-page book includes environmental information supplemented with tables, graphs, 45 colour maps, a glossary and a detailed index. The CD-ROM contains the same information, plus additional data and tables and it features EcoGraf, a custom graphing and mapping application. Grades 8 - 12. Cost: \$75 plus tax and shipping.

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.foresbc.org
Cheryl Ziola, President
E-mail: info@foresbc.org
Available from **FORED BC**

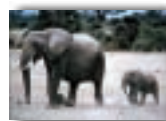
- Landscapes magazine, an award-winning educational resource distributed to teachers and schools in BC.
- Website for teachers and students: www.foresbc.org
- Teacher training workshops for a variety of grade levels with a focus on resources such as trees, wildlife, water, minerals, soil, as well as 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**• DUCKS UNLIMITED**

<http://www.ducks.ca>
Free wetland education resource materials for teachers provided by Ducks Unlimited Canada. Downloads in pdf format.

**• ANIMAL DIVERSITY**

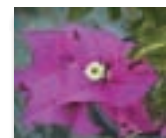
<http://animaldiversity.unmz.umich.edu>
This site contains information on a vast number of animals.

**• AMAZING ENVIRONMENTAL ORGANIZATION WEB DIRECTORY**

<http://www.webdirectory.com>
An easy place to find environment-related sites. Links are organized by topic.

• BOTANY ENCYCLOPEDIA OF PLANTS AND BOTANICAL DICTIONARY

<http://www.botany.com>
This website provides information regarding the general description of plants and includes a dictionary of botanical words.

**• BRITISH COLUMBIA CREATURE PAGE**

<http://clever.net/kerry/creature/creature.htm>
Explore the animals that live under British Columbia's coastal waters. Many colour photographs found here.

**• CANOE CANADA**

<http://www.canoe.ca>
Find out what is happening in Canada; newspapers, magazines, weather and even some fun stuff.

• TIGER INFORMATION CENTER

<http://www.5tigers.org>
This site is dedicated to educating people about and preserving the five remaining subspecies of tigers. Learn about tiger ecology, behavior and distribution. There is a "Cubs 'n Kids" area tailored for children.

**• COMPUTERS FOR SCHOOLS BRITISH COLUMBIA**

<http://www.scbc.org/cfs/>
Provides BC schools and libraries with refurbished computers donated by government and private business sources.

• THE CARIBOO GOLD RUSH TEACHER'S CORNER

<http://groucho.sb.gov.bc.ca/culture/schoolnet/cariboo/teacher/>
Includes lessons that complement the BC Curriculum for grades 5 and 10. There is a Gold Rush Adventure Game and information on mining.

**• THE BIOSPHERE**

<http://biosphere.ec.gc.ca/cea>
Canada's first Ecowatch Center, opened in Montreal in 1995. It is devoted to increasing knowledge of the environment, water, and ecosystems, in particular those of the St. Lawrence River and Great Lakes.

**• MARINE DEBRIS AND YOU**

<http://www.ec.gc.ca/marine/eng/educ.htm>
Especially for teachers and students interested in oceans, this Environment Canada site provides information about what ends up in the oceans. There is also detail on the importance of oceans to our planet, how a few bits of debris can affect wildlife and water quality, a guide for group activities, games for younger children and downloadable presentation materials for teachers.

• BAGHEERA: ENDANGERED SPECIES

<http://www.bagheera.com/lair.htm>
Named after a character in Rudyard Kipling's *The Jungle Book*, Bagheera takes a look at a number of the world's endangered species, explores the Endangered Species Act, and looks at how zoos and aquariums are being utilized to preserve animals. Also includes student activities.

**• WATTS ON YOUR MIND**

<http://www.wattsnew.com>
This website was created to help elementary school-aged kids understand the importance of energy and to learn their part in energy conservation. Teacher activity sheets are available to order or download.

**• BIOMES OF THE WORLD: TEACHERS FIRST**

<http://www.teachersfirst.com/lessons/biomes/index.htm>
An online research project for intermediate and junior high school students. The site includes a description of the project, introductory descriptions of major biomes, and web resources for further exploration. Also includes questions for discussion and reproducible handouts.

**• GO FOR GREEN: THE ACTIVE LIVING AND ENVIRONMENTAL PROGRAM**

<http://www.goforgreen.ca>
Encourages participation in outdoor physical activities, while promoting responsible environmental citizenship - to appreciate, protect, and enhance the environment in which they live and play.

